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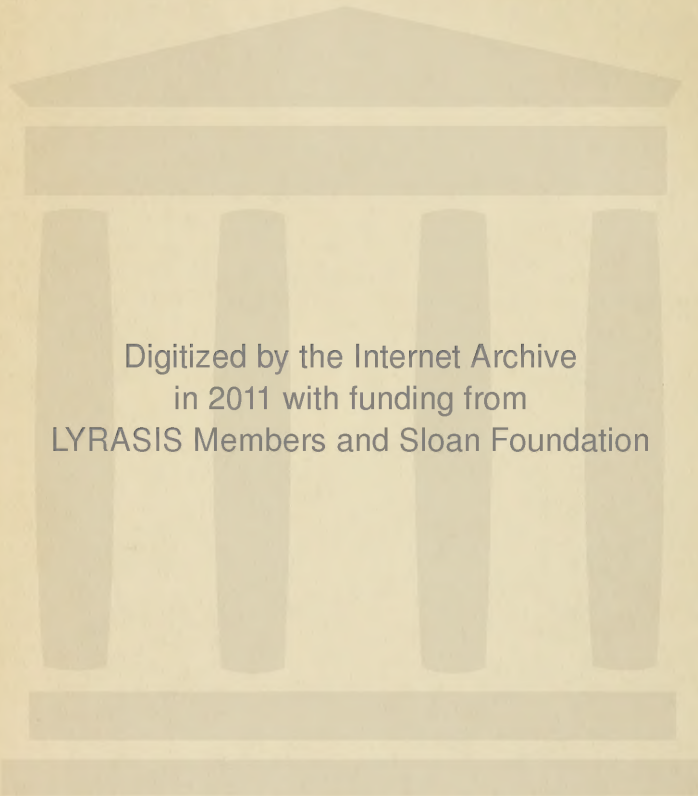
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HAVERFORD COLLEGE BULLETIN

Vol. XXXVII

September, 1938

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FACULTY, OFFICERS, ETC.

Name	Address (Haverford unless otherwise noted)	Telephone (Ardmore unless otherwise noted)	Exchange
Allendoerfer, Carl B.	Apt. B-201, Shirley Court, Upper Darby, Pa. Boulevard	1307	J
Babbitt, Dr. James A.	Tunbridge and Blakely Rds. ..	50	
Barrett, Don C.	5 College Circle	454	
Bernheimer, Richard M.	616 Walnut Lane	1536	M
Brown, Henry Tatnall, Jr.	1 College Lane	1222	
Bushnell, Joseph, 3rd	3019 Midvale Ave., Philadelphia Germantown	0665	
Cadbury, William Edward, Jr.	Graduate House	1779	W
Chase, O. M.	Founders Hall, East	564	
Clement, Charles A.	Founders Hall, East	564	
Clement, Wilmer B.	Founders Hall, East	564	
Comfort, Howard	3 College Circle	3732	
Comfort, William W.	South Walton Road	455	
Cook, Thomas N.	R. D. 1, Bridgeport, Pa. Norristown	320R5	
Drake, Thomas E.	2 Pennstone Road, Bryn Mawr	1534	
Dunn, Emmett R.	748 Rugby Road, Haverford Bryn Mawr	2662	
Elder, Joseph D.	c/o R. Sutton, 785 College Ave.	203	W
Evans, Arlington	324 Boulevard, Brookline, Upper Darby P. O., Pa. Hilltop	2043	J
Fetter, Frank Whitson	Waterloo Road, Berwyn, Pa. Berwyn	133	J
FitzGerald, Alan S.	Warwick Rd. and Cotswold Lane, Wynnewood	1404	
Flight, J. W.	753 College Avenue	4409	W
French, Bruce H.	1228 Grenox Rd., Wynnewood	1292	
Gentle, James	% Penn Mutual Life Insur- ance Co., 6th & Walnut Streets, Philadelphia Lom.	7300	
Gummere, Henry V.	Apt. B-207, Shirley Court, Upper Darby, Pa. Boulevard	1307	W
Haddleton, A. W.	29 Tenmore Road	1235	W
Henry, H. K.	1464 Drayton Lane, Penn Wynne, Pa.	1254	M
Herndon, John G., Jr.	2 College Lane	364	
Hetzel, Theodore B.	768 College Avenue	4393	W
Holmes, Clayton W.	3 College Lane	195	W
†Hotson, J. Leslie	3 College Circle	4656	
Hubler, Edward	Whitehall, 410 Lancaster Ave.	3160	
Johnston, Robert J.	2 Woodside Cottage	1402	W
Jones, Rufus M.	2 College Circle	2777	
Jones, Thomas O.	Founders Hall, East	564	
Kelly, John A.	Founders Hall, East	4160	
Kelly, Thomas R.	791 College Avenue	203	R
Liljenstein, Cecil C.	Founders Hall, East	564	
*Lockwood, Dean P.	6 College Circle	1402	J
Lunt, William E.	5 College Lane	1507	W
MacIntosh, Archibald	830 Buck Lane	961	J
Melchior, Montfort V.	129 Radnor St., Bryn Mawr, Pa.	1315	
Meldrum, William B.	747 College Avenue	881	J
Montgomery, George	6124 Columbia Ave., Overbrook, Pa. Greenwood	7811	
Oakley, Cletus O.	Featherbed Lane	3109	W
**Palmer, Frederic, Jr.	7 College Lane	97	R
Pfund, Harry W.	3 College Lane	5532	
Post, L. Arnold	9 College Lane	253	M
Pratt, Henry S.	4 College Circle	870	J
Randall, Roy E.	3 College Lane	195	J
Rantz, J. Otto	2122 Chestnut Ave., Ardmore, Pa.		
Reitzel, William A.	637 Walnut Lane	4185	W
Rittenhouse, Leon H.	6 College Lane	791	J
Snyder, Edward D.	36 Railroad Avenue	712	
Steere, Douglas V.	739 College Avenue	162	J
*Sutton, Richard M.	785 College Ave., facing Walton Rd.	203	W
Swann, Alfred J.	21 Oberlin Avenue, Swarthmore Pa.	661	
Taylor, Dr. Herbert W.	457 Lancaster Avenue	2383	
Teaf, Howard Morris, Jr.	207 W. Plumstead Avenue, Lans- downe, Pa.	4297	J
Walton, Francis R.	417 Anthony Road, Merion, Pa. Narberth	2464	
Watson, Curtis B.	773 College Avenue	2937	
Watson, Frank D.	773 College Avenue	2937	
Williamson, Alexander Jardine	4 College Lane	4023	
Wills, William Mintzer	342 Merion Road, Merion, Pa. Merion	521	
Wilson, Albert H.	765 College Avenue	1853	

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COLLEGE OFFICE AND BUILDING TELEPHONES*

Alumni Office, Joseph Bushnell, 3rd, Secretary, Haverford Union . . .	4338
Barclay Hall, North	439
Barclay Hall, South	2993
Barclay Hall, Centre	68
Business Office, O. M. Chase, Bursar	221
Dean, H. Tatnall Brown, Jr.	1441
Dean of Freshmen in Charge of Admissions, A. MacIntosh . . .	1441
Founders Hall, East	564
Founders Hall, Dormitory	1939
Founders Hall, Kitchen	2991
Graduate House	2195
Gymnasium	754
Haverford News	4827
Hilles Laboratory of Applied Science (Engineering)	1670
Library	767
Lloyd Hall, Rooms 5-12	1444
Lloyd Hall, Rooms 13-22	1427
Lloyd Hall, Rooms 23-38	2981
Lyman Beecher Hall Chemistry Laboratory	387
Merion Hall	267
Merion Hall Annex	
Morris Infirmary	763
President, W. W. Comfort	221
Power House	988
Publications Office, W. M. Wills, Director	3061
Research Laboratory, Alan S. FitzGerald, Director	5092
Sharpless Hall (Physics and Biology)	950
Skating Pond	389
Steward, Charles A. Clement	2942
Supt. of Buildings and Grounds, R. J. Johnston	2942

*Ardmore Exchange.

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STUDENTS IN THE COLLEGE

In the last column is given the number of the student's dormitory room: Bn is an abbreviation for Barclay Hall, North; Bc, for Barclay Hall, Centre; Bs, for Barclay Hall, South; F, for Founders Hall; G, for Graduate House; L, for Lloyd Hall; M, for Merion Hall; D, for day student. The field of major concentration is indicated in parentheses.

GRADUATE STUDENTS

Name	Home Address	College Address
BLANC-ROOS, RENE.....	(S. B., Haverford College, 1935)	D
427 Berkeley Road, Haverford, Pa.	(French)	
BROOMELL, JOHN P., JR.....	(A. B., Earlham College, 1938)	D
20 Cherry Avenue, New Rochelle, N. Y.	(Philosophy)	
(Living at Pendle Hill, 1938-39.)		
CORNETTE, JAMES CLARKE, JR.....	(A. B., Guilford College, 1938)	G
1340 13th Avenue, Hickory, N. C.	(German)	
HOSKINS, LEWIS MALONEY.....	(A. B., Pacific College, 1938)	G
915 North Street, Newberg, Oregon	(History)	
JONES, THOMAS MARTIN.....	(A. B., Earlham College, 1938)	D
29 Overhill Place, Yonkers, N. Y.	(History)	
(Living at Pendle Hill, 1938-39.)		
LILJENSTEIN, CECIL C.....	(B. S., Middlebury College, 1938)	F
3 Crocker Street, New London, Conn.	(Physics)	
PERISHO, CLARENCE ROBERT.....	(B. S., Penn College, 1938)	G
708 N. Market Street, Oskaloosa, Iowa	(Chemistry)	
RICKS, JAMES HOGE, JR.....	(A. B., University of Richmond, 1937)	G
1506 Westwood Avenue, Richmond, Virginia	(French)	
SANDERS, EDWIN ALAN.....	(A. B., Earlham College, 1938)	G
541 N. South Street, Wilmington, Ohio	(English)	
STAFFORD, DAVID BENBOW.....	(A. B., Guilford College, 1938)	D
Oak Ridge, North Carolina	(Philosophy)	
(Living at Pendle Hill, 1938-39.)		
WATSON, CURTIS B.....	(A. B., Brown University, 1938)	D
773 College Avenue, Haverford, Pa.	(English)	
WOOD, GILBERT CONGDON.....	(S. B., Haverford College, 1938)	
Box 4, Cape Cottage, Maine	(Biology)	

SENIOR CLASS—1939

Name	Home Address	College Address
ACKERMAN, ROBERT BIRD.....	(Economics)	22 L
223 Orchard Place, Ridgewood, N. J.		
ALBERT, ALPHEUS HOMER, JR.....	(Government)	13 M
353 Stockton Street, Hightstown, N. J.		

Name	Home Address	College Address
ARON, JEROME IRWIN.....	(Government) Chateau Crillon, Rittenhouse Square, Philadelphia, Pa.	33 L
BALDERSTON, ROBERT LEVI.....	(Engineering) Colora, Md.	16 L
BIRKINBINE, JOHN LONGCOPE.....	(Economics) 1 Lansdowne Court, Lansdowne, Pa.	22 L
BONHAM, WILLIAM SOUDER	(Engineering) 201 West Commerce Street, Bridgeton, N. J.	37 L
BOWN, GEORGE DE WOLFE.....	(English) 263 Washington Street, Newton, Mass.	37 Bc
BREADY, JAMES HALL.....	(History) 436 East Barber Avenue, Woodbury, N. J.	9 F
BROWN, FRANCIS GODLEY.....	(Economics) Downingtown, Pa.	25 L
BURNSIDE, ROBERT IRVIN	(Economics) 126 S. Franklin Street, Wilkes-Barre, Pa.	D
BUSHNELL, CHARLES STONE, JR.....	(Engineering) 53 Hancock Street, Rochester, N. Y.	42 Bc
CLADER, STANLEY C.	(Chemistry) Apartment D-2, Merion Manor, Merion, Pa.	D
COFFMAN, STANLEY KNIGHT, JR.....	(English) 374 Kendall Place, Columbus, Ohio	37 Bc
DERR, HENRY HOUP, III.....	(Engineering) 346 East Meehan Street, Germantown, Phila., Pa.	16 L
DOWNING, JOHN WESLEY, JR.....	(History) 616 Park Avenue, Salisbury, Md.	42 Bc
EVANS, JONATHAN	(Chemistry) Awbury, Germantown, Philadelphia, Pa.	23 L
EVANS, NATHANIEL HATHAWAY.....	(Economics) Awbury, Germantown, Philadelphia, Pa.	19 L
EVANS, WILLIAM ELKINTON.....	(Chemistry) Awbury, Germantown, Philadelphia, Pa.	26 L
FENHAGEN, JAMES PIERCE.....	(English) 916 St. Paul Street, Baltimore, Md.	35 L
FINLEY, JOHN MCELMOYLE.....	(English) 324 Midland Avenue, Wayne, Pa.	D
FLICK, JOHN ALBERT.....	(Chemistry) 116 East Maple Avenue, Merchantville, N. J.	17 L
GROFF, JOHN CORNELL.....	(Government) 1527 Diamond Street, Philadelphia, Pa.	22 L
HALLAHAN, JOHN DALLAS.....	(Biology) 351 Owen Avenue, Lansdowne, Pa.	30 L
HEILMAN, HARRY ANDERSON, JR.....	(French) 409 North McKean Street, Kittanning, Pa.	14 L
HERR, ROBERT	(Physics) 6137 Carpenter Street, Philadelphia, Pa.	1 F
HOYER, JOHN ALBERT.....	(Economics) 6630 North 10th Street, Philadelphia, Pa.	44 Bc
JACKSON, ROBERT LODINGTON	(Economics) 3105 Queen Lane, Germantown, Phila., Pa.	19 L
JAQUETTE, JOHN JOSEPH.....	(Economics) 605 Elm Avenue, Swarthmore, Pa.	38 Bc
JONES, HENRY HOWARD.....	(Chemistry) 1408 — 22nd Avenue, Altoona, Pa.	29 L

Name	Home Address	College Address
LARSON, DOUGLAS MELDAL	(Government) 516 9th Avenue, S. E., Minneapolis, Minn.	36 L
LEWIS, JOHN EDWARDS.....	(History) 1502 Pennsylvania Avenue, Wilmington, Del.	14 L
LEWIS, LEICESTER CROSBY, JR.....	(English) 7737 St. Martin's Lane, Chestnut Hill, Philadelphia, Pa.	12 M
LILLIE, RICHARD HORACE.....	(Chemistry) 6112 W. Washington Boulevard, Wauwatosa, Wis.	27 L
MCCUNE, WILLIAM WALKER.....	(Chemistry) 1830 Converse Street, McKeesport, Pa.	30 L
MEARS, FRANK KENNEDY, JR.....	(Chemistry) 1515 Church Lane, Philadelphia, Pa.	26 L
MERVINE, DONALD SUMNER	(Government) 412 S. Main Street, Sheffield, Pa.	14 L
MILLER, CHARLES FREDERICK, II.....	(English) 2033 Willemore Avenue, Springfield, Ill.	12 M
MORRIS, HAROLD HOLLINGSWORTH, JR.	(Biblical Literature) 99-A Jessfield Road, Shanghai, China	24 L
MOSELEY, ALEXANDER WILLETT, JR.....	(Economics) 333 North Princeton Avenue, Swarthmore, Pa.	29 L
MUNRO, DONALD H.....	(Economics) 711 Knorr Street, Philadelphia, Pa.	3 F
PALMER, LOUIS HENRY, JR.	(Chemistry) 129 Derwen Road, Bala-Cynwyd, Pa.	D
PEIFER, ROBERT EARL, JR.....	(Economics) 102 North Swarthmore Avenue, Ventnor City, N. J.	108 M
PHILLIPS, HEWES WILSON.....	(English) St. Albans, West Va.	34 L
RAMBO, OSCAR NAYLOR, JR.	(Biology) 19 Wiltshire Road, Overbrook, Philadelphia, Pa.	D
RANKIN, CHARLES EWING	(Economics) 715 East 20th Street, Chester, Pa.	33 L
REAVES, WILLIAM HOBSON, JR.	(English) 37 Aberdeen Place, St. Louis, Mo.	35 L
ROBERTS, ALAN Y.....	(French) 39 Forest Street, Newton Highlands, Mass.	10 F
ROHRMAYER, FRANCIS PETER, JR.....	(Chemistry) 66 Whetten Road, West Hartford, Conn.	17 L
ROSEN, SEYMOUR SYLVESTER	(Chemistry) 8308—122nd Street, Kew Gardens, N. Y.	14 M
SANTER, DANIEL GLEDDE.....	(Chemistry) 6401 North Santa Monica Blvd., Milwaukee, Wis.	17 L
SHARPE, CRAIG MCCOLL.....	(History) 6015 Wayne Avenue, Philadelphia, Pa.	24 L
SHAW, WINSLOW DRUMMOND	(Economics) 907 Grand Avenue, Asbury Park, N. J.	42 Bc
SHIHADDEH, THEODORE DAVID, JR.....	(Sociology) 113 Sutton Road, Ardmore, Pa.	38 Bc
SIMONS, LAIRD HARDCASTLE, JR.....	(Economics) 3417 Race Street, Philadelphia, Pa.	38 Bc
STEIGER, THOMAS BOWLES.....	(Government) Mercersburg, Pa.	15 L
SYKES, JOHN MARSHALL.....	(Chemistry) 334 Llandrillo Road, Bala-Cynwyd, Pa.	38 L
TALBOT, GILBERT PARRY	(Philosophy) Virginia Avenue and Walnut Street, West Chester, Pa.	10 Bs

Name	Home Address	College Address
THIERMANN, STEPHEN HOFF.....	(English) 3205 North Marietta Avenue, Milwaukee, Wis.	25 L
THOMAS, HOWARD PITNER, JR.....	(Chemistry) 290 East Jefferson Street, Media, Pa.	11 M
TINNON, JOHN MUNROE....	(Engineering) 610 Forest Avenue, Larchmont, N. Y.	36 L
TRENCH, JOHN PATRICK.....	(Chemistry) 18 Ellicott Place, New Brighton, N. Y.	38 L
WARNER, WILLIAM HAYES GRIER.....	(Government) 2217 Penn Street, Harrisburg, Pa.	15 L
WEBSTER, MAURICE ANDERSON, JR.....	(English) 3827 Oak Road, East Falls, Philadelphia, Pa.	19 L
WERTIME, THEODORE ALLAN	(History) R. R. No. 2, Chambersburg, Pa.	17 M
WHITE, ROBERT MANSON	(Biology) China Council Office, 169 Yuen Ming Yuen Road, Shanghai, China.	14 F
WHITSON, ROBERT OLIVER.....	(Chemistry) 2124 Quinby Road, Houston, Texas	43 Bc
WILLIAMS, DANIEL NORTON.....	(Economics) 380 North Main Street, Wallingford, Conn.	23 L
WILSON, JOHN FRENCH, JR.....	(Sociology) 13610 Larchmere Boulevard, Cleveland, Ohio	27 L
WINGERD, JOSEPH COLEMAN.....	(Government) Edgar Avenue, Kenwood, Chambersburg, Pa.	44 Bc
WITHERS, SAMUEL CLAYTON, JR.	(Philosophy) 62 Livingston Avenue, Dobbs Ferry, N. Y.	7 M
YOST, RUSSELL RAYMOND.....	(Physics) Menohar Highway, Johnstown, Pa.	14 M

JUNIOR CLASS—1940

ALLEN, ERNEST GRIFFIN ...	(Greek) 3345 Woodland Avenue, Philadelphia, Pa.	D
ALLEN, GEORGE RANKIN	(Latin) 3345 Woodland Avenue, Philadelphia, Pa.	D
ANDERTON, BRUCE DOUGLAS	(Mathematics) 726 Washington Street, Whitman, Mass.	15 M
ATKINSON, HORACE CONRAD	(French) Wrightstown, Bucks County, Pa.	41 Bc
BALIVET, HENRI PHILLIP, JR.....	(English) 384 N. Fullerton Avenue, Montclair, N. J.	7 L
BAUM, CHESTER EARLE, JR.	(English) Delaware City, Delaware	6 L
BEELER, RICHARD WILLIAM	(Mathematics) 34 Harvard Road, Brookline, Pa.	120 M
BEERS, STEWART LORING	(English) 123 Union St., Bridgewater, Mass.	D
BROWN, ARTHUR ELLIS	(Chemistry) 226 Dickinson Avenue, Swarthmore, Pa.	17 F
CARROLL, BENJAMIN EDWARD.....	(Engineering) Conowingo, Md.	16 L
CH'EN, FRANCIS J.	(Economics) 35 Nathan Road, Koroloon, Hongkong, China	4 Bs

Name	Home Address	College Address
COURSIN, DAVID BAIRD	(Chemistry) 1608 Lawndale Avenue, McKeesport, Pa.	68 Bn
DARNELL, EMERSON LIPPINCOTT	(Government) 40 N. Main Street, Medford, N. J.	5 L
DAWSON, EDWIN SCOTT	(Engineering) 4517 Garfield St., N. W., Washington, D. C.	72 Bn
DEWEES, ROBERT LOVETT	(Chemistry) Sweetwater Farm, Glen Mills, Pa.	12 L
DUNCAN, JOHN ALLEN	(Government) 4 Mentelle Park, Lexington, Ky.	19 Bs
DYE, STANLEY MARVIN	(Government) 320 Berkeley Street, Rochester, N. Y.	7 L
FISHER, CHARLES WORLEY.....	(English) 26 Llandillo Road, Llanerch, Pa.	15 L
FLACCUS, DAVID PERRY	(Government) 109 Bryn Mawr Avenue, Lansdowne, Pa.	120 M
FLEISCHMAN, STEPHEN WILLIAM	(English) 3 Highland Court, Far Rockaway, L. I., N. Y.	4 F
FORCE, ROY WARREN.....	(Chemistry) General Greene Farms, R. F. D. 3, West Chester, Pa.	D
GOEPP, ROBERT HAMILTON	(History) 4047 Pine Street, Philadelphia, Pa.	D
GOODYEAR, HARRY JOHN, JR.	(Economics) 911 Eldridge Avenue, West Collingswood, N. J.	44 Bc
GROSS, JOHN EDWARD	(Economics) Fort Belvoir, Va.	22 Bs
HALSEY, WILLIAM DARRACH, JR.	(English) 44 Westland Avenue, West Hartford, Conn.	5 F
HENDERSON, HANFORD MEAD, JR.	(French) 82 Washington Place, New York, N. Y.	11 F
HERING, ALEXANDER CHANDLEE	(English) Hillbrook, Lawrence Farms South, Mount Kisco, N. Y.	12 L
HOFFMAN, JOHN THOMAS	(Economics) 218 Sinclair Place, Westfield, N. J.	13 F
HOYT, HAMILTON TAYLOR	(Government) 2428 E. Linwood Avenue, Milwaukee, Wis.	11 L
HUNN, ROBERT JOSEPH	(Mathematics) 5034 41st St., N. W., Washington, D. C.	16 F
JANNEY, LEWIS LAMAR	(Philosophy) Hollins College, Virginia	68 Bn
JOHNSON, SAMUEL FREDERICK	(English) 508 Brookline Boulevard, Brookline, Upper Darby, Pa.	D
KOHN, EDWARD IRVING	(Government) 3415 Clarks Lane, Baltimore, Md.	11 L
LEWIS, FIELD ALLEN	(Government) Holiday Hill, R. D. 2, Newtown, Bucks Co., Pa.	120 M
LINDLEY, JOHN MARSHALL, JR.	(Economics) 52 Garden Road, Wellesley Hills, Mass.	6 L
MAGILL, ARTHUR ANDREWS	(Physics) 117 Carpenter Lane, Mt. Airy, Philadelphia, Pa.	18 L
MASON, ELLIOTT.....	(Chemistry) 640 Rahway Road, Westfield, N. J.	15 F
MASON, HAYDEN	(French) 640 Rahway Road, Westfield, N. J.	41 Bc

Name	Home Address	College Address
MASSEY, PARKE DUNCAN	(Government) 15 W. 12th Street, New York, N. Y.	101 M
MAULE, SAMUEL GEORGE MORTON	(Engineering) 605 Gulph Road, Bryn Mawr, Pa.	28 L
MCCONNELL, ROBERT WILSON, JR.	(Government) 1221 Wakeling Street, Frankford, Philadelphia, Pa.	8 L
MCDEVIT, WILLIAM FERRIS	(Chemistry) 185 Forest Avenue, Tompkinsville, N. Y.	23 Bs
MECHLING, JAMES ELLIOTT	(Economics) Riverton Road, Moorestown, N. J.	5 L
PETERS, CHARLES K., JR.	(History) 134 S. Lansdowne Avenue, Lansdowne, Pa.	8 L
POOLE, RICHARD ARMSTRONG	(Government) 12 Hobart Avenue, Summit, N. J.	8 L
PRESCOTT, KENNETH ADAMS	(Philosophy) 32 School Street, Sanford, Maine	120 M
RAIRDON, CHARLES THOMAS	(Chemistry) 3772 Beechway Boulevard, Toledo, Ohio	12 L
REICHEL, ANDRE WLADIMIR	(Engineering) 51 Ontario Road, Bellerose, L. I., N. Y.	6 M
ROWLAND, PAUL CHARLES	(Economics) Columbia, Conn.	32 L
SCHAEFFER, ROBERT L., JR.	(Biology) 32 N. 8th Street, Allentown, Pa.	22 Bs
SHARKEY, JOHN TIERNAN	(Economics) 230 South 21st Street, Philadelphia, Pa.	D
SIMPSON, JOHN CHRISTOPHER, JR.	(English) 920 Swede Street, Norristown, Pa.	7 L
SPAULDING, ROBERT EUGENE.....	(History) 379 Meadowbrook Avenue, Ridgewood, N. J.	37 L
STEEL, MAXWELL WENSEL.. ..	(Biology) 226 Penn Street, Huntingdon, Pa.	43 Bc
SWIFT, CHARLES JAMES	(Engineering) 1111 Bancroft Parkway, Wilmington, Del.	18 F
TAFT, THOMAS MELVILLE	(Government) Cornwall-on-Hudson, New York	6 L
TOUSEY, THOMAS GRANT, JR.	(Sociology) Carlisle Barracks, Carlisle, Pa.	31 L
VINCENT, JAMES ALEXANDER	(History) 1 Glover Street, Barton, Vt.	4 M
WIEDER, JOHN WILLIAM, JR.	(Mathematics) 19 Guernsey Avenue, Abington, Pa.	20 F
WILLIAMS, ROBERT THOMAS	(French) Germantown Pike, Plymouth Meeting, Pa.	D
WILSON, DAVID RYDER	(English) 212 E. 48th Street, New York, N. Y.	19 F
WOLFINGER, CHARLES HOBSON	(Economics) Curren Terrace, Norristown, Pa.	D
WOOD, JAMES WILLIAM, JR.	(French) 803 E. 20th Street, Chester, Pa.	28 L

SOPHOMORE CLASS—1941

Name	Home Address	College Address
ADLER, FRANCIS ERDMAN	Huron Lane, Chestnut Hill, Philadelphia, Pa.	D
ALLINSON, EDWARD PAGE, JR.	Town's End Farm, West Chester, Pa.	7 F
ANDRUS, STEPHEN BOURNE	1903 Girard Avenue, South, Minneapolis, Minn.	69 Bn
ARNOLD, DAVID BARRETT	128 Bard Avenue, West Brighton, S. I., N. Y.	39 Bc
ARTHUR, ROBERT PALMER	637 Walnut Street, McKeesport, Pa.	2 Bs
ASHEROOK, ARTHUR GARWOOD, JR.	88 Admiral Dewey Avenue, Ingram, Crafton P. O., Pa.	12 F
BLACKWELL, HAROLD RICHARD	108 Pinehurst Avenue, Salisbury, Md.	17 Bs
BLUM, HOWARD LOURIA	885 Park Avenue, New York, N. Y.	20 L
BOLSTER, RICHARD HAWKS, II	Littlebrook Road, Berwyn, Pa.	D
BOTELHO, EUGENE EVANS	19 Louella Court, Wayne, Pa.	D
BOYER, DANIEL B., JR.	Boyertown, Pennsylvania	3 L
BRANSON, ALBERT DELANO	167 Owen Avenue, Lansdowne, Pa.	36 Bc
BUTTRICK, JOHN ARTHUR	960 Park Avenue, New York, N. Y.	62 Bn
CHAMBERS, TORRENCE HARRISON	116 Ardmore Avenue, Ardmore, Pa.	D
CHAMBLISS, DAVID JOHNSON	Lookout Mountain, Tennessee	3 L
CHAPPELL, SAMUEL M.	New London, Conn.	1 L
CHESTNUT, DAVID THOMAS	659 Rector Street, Roxborough, Philadelphia, Pa.	D
CLARK, JOHN BURT	4638 S. Fremont Avenue, Minneapolis, Minn.	64 Bn
CLEMENT, HERBERT LEE	342 E. Hottter Street, Philadelphia, Pa.	D
COLBERT, WILLIAM HOWARD	223 W. Pearl Street, Butler, Pa.	32 L
CORNMAN, HENRY DENNIS	Conshohocken State Rd. and Greaves Lane, Gladwyne, Pa.	D
DAVIS, A. HUNT	1412 Twentieth Street, Rock Island, Ill.	21 F
DICKSON, ROBERT BRUCE	908 Andrews Avenue, Collingdale, Pa.	D
DORSEY, JOHN WORTHINGTON	36 Huffman Avenue, Washington, Pa.	31 Bc
DOWNES, THOMAS MCKEAN, JR.	Mt. Pleasant Road, Bryn Mawr, Pa.	18 Bs
ELLIOTT, HERSCHEL HUGH	106 State Street, Westport, Conn.	115 M

Name	Home Address	College Address
ENGELHARDT, EDWARD LOUIS	100 Maple Avenue, Narberth, Pa.	D
EVANS, CHRISTOPHER	6014 Chew Street, Philadelphia, Pa.	18 L
EVANS, ROBERT WHITESIDE, JR.	239 Walnut Street, Pottstown, Pa.	21 Bs
EVERT, ROBERT NASH	Northern Pacific Hospital, Glendive, Mont.	35 Bc
EWING, GERRITT LOOS	Fair Haven Road, Fair Haven, N. J.	66 Bn
FINGER, LOUIS JUDAH	2305 Harrison Street, Wilmington, Del.	111 M
FOLWELL, ROBERT COOK, 3D	Mullica Hill, New Jersey	3 H. U.
GARMEY, JOHN DAVID	7614 Colonial Road, Brooklyn, N. Y.	31 Bc
GIFFORD, PHILIP COLLINS, JR.	468 Hope Street, Providence, R. I.	8 F
GROSHOLZ, EDWIN DEHAVEN	112 Schoolhouse Lane, Ardmore, Pa.	D
GUENTHER, JACOB JARDEN, JR.	510 N. Chester Road, Swarthmore, Pa.	20 L
HARRISON, PAUL FRANKLIN	94 Bayview Avenue, Port Washington, N. Y.	54 Bn
HASTINGS, FRANK WILLARD	45 E. Church Road, Elkins Park, Pa.	22 F
HAWLEY, JOHN CHADWICK	American Consular Service, Oporto, Portugal	1 L
HECHT, ROBERT EMANUEL, JR.	3505 Calvert Street, Baltimore, Md.	3 Bs
HEMPHILL, GEOFFREY	243 N. Mountain Avenue, Upper Montclair, N. J.	34 Bc
HIBBARD, JOHN BARR	1816 Chicago Avenue, Evanston, Ill.	24 Bs
HICKS, GORDON DEPENCIER	160 Highland Avenue, Middletown, N. Y.	112 M
HOLMES, HENRY KELMAN	3430 81st Street, Jackson Heights, N. Y.	2 F
INGLIS, ANDREW FRANKLIN	Pellston, Michigan	21 F
KENT, ROGER BETTS	1904 Lauderdale Road, Louisville, Kentucky	8 F
KING, BENTON DAVIS	357 Sylvan Street, Rutherford, N. J.	67 Bn
LIDDELL, WILLIAM ANDREW, JR.	225 Dawson Ave., Boonton, N. J.	32 Bc
LITTLE, THOMAS	Ashburnham, Mass.	33 Bc
LONG, JAN WINSTON	433 W. 21st Street, New York, N. Y.	36 Bc
LOWE, DONALD BLAIR, JR.	1156 W. Exchange, Akron, Ohio	31 L

Name	Home Address	College Address
McNEILL, JOHN REID	239 W. 8th Street, Erie, Pa.	110 M
MILLER, WILLIAM KELLER	2033 Willemore Avenue, Springfield, Ill.	71 Bn
MORIAN, TUCKER FRAZER	506 Anthwyn Road, Merion, Pa.	30 F
MOSELEY, MERRITT WAYNE.....	333 North Princeton Avenue, Swarthmore, Pa.	58 Bn
MURPHY, SAMUEL MILLARD, JR.	29 Bellair Driveway, Dobbs Ferry, N. Y.	35 Bc
NAPIER, ARTHUR HOWELL, JR.	503 E. Willow Grove Avenue, Chestnut Hill, Philadelphia, Pa.	66 Bn
NEAL, J. PHILIP	106 N. 34th Street, Philadelphia, Pa.	23 F
NEWHALL, WILLIAM FREEMAN	36 Tenmore Road, Haverford, Pa.	D
NICHOLS, CLYDE KINGSLEY, JR.	County Street, Rehoboth, Mass.	D
ORTON, MAURICE AMOR	53 Harrison Avenue, Northampton, Mass.	109 M
PILE, WILSON HUNT	622 S. 42nd Street, Philadelphia, Pa.	20 Bs
SCHEFFER, EDWARD REINHARD	2508 E. Stratford Court, Milwaukee, Wis.	21 Bs
SHOEMAKER, DAVID WILSON	510 Riverview Road, Swarthmore, Pa.	25 Bc
SIMMONS, WILFRID LEE	Box 10, Hebron, N. H.	25 Bc
SMITH, HENRY AUGUSTINE, JR.	26 Rockledge Road, Newton Highlands, Mass.	23 Bs
SMITH, MALCOLM KINMONTH, JR.....	22 Madison Avenue, Morristown, N. J.	6 M
SMITH, ROBERT HENRY	14901 Lake Avenue, Lakewood, Ohio	69 Bn
SNIPES, SAMUEL MOON	Lincoln Highway, Morrisville, Pa.	30 F
SOLIS-COHEN, LEON, JR.	906 69th Avenue, Philadelphia, Pa.	70 Bn
STANTON, WILLIAM WHITFIELD	2946 Berkley Road, Ardmore, Pa.	D
STEWART-GORDON, MELVIN	403 W. 115th Street, New York, N. Y.	33 Bc
STROHL, G. RALPH, JR.	24 E. Clearfield Road, Oakmont, Upper Darby, Pa.	D
STUART, HARRY HARLAN	161 N. June Street, Los Angeles, Calif.	32 Bc
SUTTON, GEORGE COOKE	830 Ridge Terrace, Evanston, Ill.	24 Bs
SWAN, GEORGE MYRON, JR.	1325 Inverness Street, Pittsburgh, Pa.	1 L
SWIGERT, JOHN BRUCE	123 Lafayette Avenue, Haddonfield, N. J.	D
THALHEIMER, HERBERT R.	5603 Roxbury Place, Baltimore, Md.	63 Bn

Name	Home Address	College Address
VELTE, WILLIAM ELKANAH	340 W. 7th Street, Chester, Pa.	22 F
VOGT, ROY SCHOPPAUL	90 Prospect Hill Avenue, Summit, N. J.	39 Bc
WAGNER, LANSING PRAY	108 Holden Green, Cambridge, Mass.	6 F
WATSON, WILLIAM ROBERTSON, JR.	Avon Road, Bryn Mawr, Pa.	7 F
WEBB, JOHN LONGANECKER, JR.	500 Baird Road, Merion, Pa.	30 F
WEYERBACHER, KENNETH WILLIAM	20 Degonia Road, Boonville, Ind.	29 Bc
WILLIS, JAMES MOORE	109 Hudson Terrace, Yonkers, N. Y.	34 L
WINSLOW, ROBERT GAREY	Tome Hill, Port Deposit, Md.	29 Bc
WRIGHT, KENNETH ALDRO	2134 Wyoming Avenue, N. W., Washington, D. C.	67 Bn
YOUNGQUIST, JOHN	1809 Fremont Avenue, South, Minneapolis, Minn.	5 L
ZIEGLER, HOWARD EDWARD, JR.	2 Cedar Lane, Merion, Pa.	D

FRESHMAN CLASS—1942

ABBOTT, CHARLES CONRAD.....	R. D. 2, Bristol, Pa.	9 L
ADDOMS, JAMES NEAL.....	864 Park Place, Brooklyn, N. Y.	9 L
ALDRIDGE, GEORGE LEWIS.....	401 Stiles Avenue, Maple Shade, N. J.	61 Bn
ANDERSON, WARREN DEWITT.....	537 45th Street, Brooklyn, N. Y.	103 M
BAUER, RICHARD DEMME.....	Alden Park Manor, Philadelphia, Pa.	10 L
BEDROSSIAN, E. HOWARD.....	531 Foss Avenue, Drexel Hill, Pa.	D
BELL, EDGAR DAWSON, JR.....	Clearvue Road, Ingomar, Pa.	16 Bs
BOYSEN, ALFRED CHARLES, JR.....	25 Tyson Avenue, Glenside, Pa.	D
BRODHEAD, BICKLEY BURNS.....	340 W. State Street, Media, Pa.	16 Bs
BROUS, NORMAN SCATTERGOOD.....	254 High Street, Germantown, Philadelphia, Pa.	52 Bn
BROWN, KNOX	404 S. Linden Avenue, Pittsburgh, Pa.	7 Bs
BROWN, RICHARD WILLITS.....	Downingtown, Pa.	59 Bn
BURFORD, NOBLE ALBERT, JR.....	42 Hill Road, Louisville, Ky.	60 Bn
CADBURY, THOMAS LLOYD.....	12 High Street, Moorestown, N. J.	102 M
CHILDS, ELEAZER EDWARDS.....	8 Brattle Road, Syracuse, N. Y.	60 Bn

Name	Home Address	College Address
CLARK, JOHN ARTHUR.....	250 N. Mountain Avenue, Montclair, N. J.	26 Bc
COCHRAN, THOMAS CUNNINGHAM, JR.....	206 S. Pitt Street, Mercer, Pa.	1 Bs
CRAWFORD, JOHN AVERY.....	651 Chestnut Street, Meadville, Pa.	13 Bs
DORIAN, ALAN LLOYD.....	7101 Hampden Lane, Bethesda, Md.	10 L
DUNHAM, ROBERT WILMER.....	6863 N. 19th Street, Philadelphia, Pa.	7 Bs
DYE, ROY AUGUSTUS, JR.....	111 Milton Street, Aliquippa, Pa.	107 M
ELLIOTT, JOHN YOUNG.....	27 Tyson Avenue, Glenside, Pa.	28 Bc
EMERY, DAVID AMOS.....	919 Creston Avenue, Des Moines, Iowa	4 L
EVANS, ARTHUR.....	Awbury, Germantown, Philadelphia, Pa.	11 Bs
FALCONER, WALTER CROSS.....	170 Pine Street, East Aurora, N. Y.	50 Bn
FALES, DAVID, III.....	1629 P Street, N. W., Washington, D. C.	59 Bn
FARQUHAR, JOHN DENNEY.....	602 Second Street, California, Pa.	1 M
FLACCUS, EDWARD.....	109 Bryn Mawr Avenue, Lansdowne, Pa.	13 L
FLICK, JOHN BERNARD, JR.....	629 Gulph Road, Bryn Mawr, Pa.	D
FOREMAN, KENNETH JOSEPH, JR.....	Davidson, N. C.	3 M
FOX, DAVID SHARPLESS.....	5617 Dorchester Avenue, Chicago, Ill.	26 Bc
FRANZEN, WOLFGANG.....	35 Hamilton Place, New York, N. Y.	105 M
FRAZIER, JOHN JORY.....	14 West Avenue, Bridgeton, N. J.	30 Bc
FUST, JOHN ABERCROMBIE.....	231 W. 7th Street, Erie, Pa.	10 L
GARY, JAMES FREDRICK.....	300 Yale Avenue, Swarthmore, Pa.	116 M
GOMEZ, MANUEL JOSEPH.....	6106 Callowhill Street, Philadelphia, Pa.	D
GRIER, LOUIS NORMAN, JR.....	6931 Church Avenue, Ben Avon, Pittsburgh, Pa.	13 L
HAIGHT, JAMES RALPH, JR.....	631 Ellet Street, Philadelphia, Pa.	8 M
HAMBIDGE, GOVE, JR.....	310 Rosemary Street, Chevy Chase, Md.	28 Bc
HARPER, HEBER REECE.....	223 Dalzell Avenue, Ben Avon, Pittsburgh, Pa.	12 Bs
HAUGHTON, ANSON BALDWIN.....	Radnor, Pa.	D
HAWORTH, TIMOTHY PEYTON.....	Brookside Road, Wallingford, Pa.	2 L

Name	Home Address	College Address
HOWE, GORDON WALTER.....	7 Crandall Street, Adams, Mass.	21 L
JOHNSTON, FRANK DALLAS.....	1432 Columbus Avenue, Pittsburgh, Pa.	8 Bs
JOHNSTONE, HENRY WEBB, JR.....	Delwick Lane, Short Hills, N. J.	5 Bs
JONES, THOMAS CANBY.....	1033 17th Avenue, N., Nashville, Tenn.	2 L
KAY, RICHARD	600 W. Olney Avenue, Philadelphia, Pa.	9 L
KING, LOWELL	Silvermine Road, New Canaan, Conn.	21 L
KIRKPATRICK, MALCOLM SUYDAM.....	Forsgate Drive, Jamesburg, N. J.	52 Bn
LAWRENCE, LINWOOD THEODORE, JR.....	210 W. Mt. Pleasant Avenue, Philadelphia, Pa.	30 Bc
LEWIS, GEORGE CAMPBELL, JR.....	812 Summit Grove Avenue, Bryn Mawr, Pa.	D
LODGE, CHARLES HENRY.....	59 Montclair Avenue, Montclair, N. J.	3 L
MAGILL, JAMES PHINEAS, 2ND.....	117 Carpenter Lane, Mt. Airy, Philadelphia, Pa.	4 L
MAYER, PHILIP EMIL MOULTON.....	The Lodge, Harefield, Middlesex, England	9 Bs
MAYER, RICHARD ROWLANDS.....	176 W. Main Street, Newark, Del.	8 Bs
MCCULLOCH, SAMUEL COLIN.....	1466 Harbert Avenue, Memphis, Tenn.	51 Bn
MCGANN, MALCOLM HOBART, JR.....	62 King Street, Reading, Mass.	2 M
MCLELLAN, PHILIP FLEHTCER.....	Woodside Cottage, Haverford, Pa.	D
MELDRUM, WILLIAM BUELL, JR.....	747 College Avenue, Haverford, Pa.	D
MILLER, ROBERT EVERTS, JR.....	2033 Willemore Avenue, Springfield, Ill.	61 Bn
MINOR, PHILIP LOCKWOOD.....	202 Main Street, Westport, Conn.	113 M
O'CONNOR, PAUL RADELL.....	2629 N. Maryland, Milwaukee, Wis.	14 Bs
OLSON, CHARLES ALEXANDER, JR.....	301 E. 21st Street, New York, N. Y.	4 L
OULAHAN, GEORGE MCCALL COURTS.....	1518 31st Street, N. W., Washington, D. C.	15 Bs
PATTON, ROBERT TRIPLE.....	41 Llanfair Road, Ardmore, Pa.	D
POOLE, DAVID MANCHESTER.....	12 Hobart Avenue, Summit, N. J.	14 Bs
POTTER, RICHARD JACKSON.....	2011 Greenberry Road, Baltimore, Md.	51 Bn
RATCLIFFE, JOHN NIELSEN	Danefort, High View, Pinner, Middlesex, England	6 Bs
REED, KARL GARDENER.....	113 Llanfair Road, Ardmore, Pa.	D

Name	Home Address	College Address
RHODIN, THOR N., JR.....	543 E. 9th Street, Brooklyn, N. Y.	9 M
ROBERTS, KENNETH STOKES.....	201 Chestnut Street, Moorestown, N. J.	21 L
SAXER, LEWIS PAUL.....	4631 Lancaster Avenue, Philadelphia, Pa.	D
SCHAEFFER, CHARLES DAVID.....	30 N. 8th Street, Allentown, Pa.	55 Bn
SENSENI, DAVID MARTIN.....	309 Bangor Road, Bala-Cynwyd, Pa.	D
SMILEY, LUCIUS GEROW.....	Mohonk Lake, N. Y.	6 Bs
SPAULDING, DONALD CHAPMAN.....	18 N. 23rd Street, Camp Hill, Pa.	50 Bn
STARR, ROBERT WALTER, 3RD.....	124 Decatur Street, Cape May, N. J.	8 M
STEPTOE, ROBERT MASON.....	Shepherdstown, West Virginia	5 Bs
STRAUSBAUGH, ROBERT NELSON.....	2679 W. Broad Street, Columbus, Ohio	15 Bs
SWEETSER, FRANKLIN PRATT.....	408 Merion Place, Merion, Pa.	13 Bs
SZERLIP, EUGENE POOLE.....	43 Shephard Avenue, Newark, N. J.	56 Bn
THOMPSON, DAVID CLARK.....	51 Church Street, East, Bloomfield, N. J.	2 L
THOMSON, JOHN DARSIE.....	5850 Fifth Avenue, Pittsburgh, Pa.	53 Bn
TROUT, EDGAR EVERT.....	511 Woodland Court, Wayne, Pa.	13 L
WARNER, GEORGE THOMAS.....	4037 Michigan Ave., Kansas City, Mo.	D
WEAVER, DANCY GRAY.....	124 Linwood Avenue, Ardmore, Pa.	D
WILKIE, JOHN BALL.....	Milton, New York	5 M
WISE, JOHN HICE.....	21 S. 26th Street, Camp Hill, Pa.	106 M
WORRALL, WINFIELD SCOTT.....	Newtown Square, Pennsylvania	114 M

SUMMARY

Graduate Students	12
Seniors	71
Juniors	63
Sophomores	90
Freshmen	89
Total.....	<hr/> 325

HAVERFORD COLLEGE BULLETIN

VOL. XXXVII

NOVEMBER, 1938

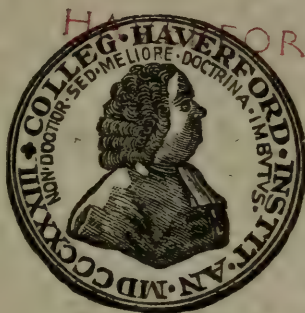
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Catalogue

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HAVERFORD COLLEGE

1938-39

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Act of October 3, 1917, authorized on July 13, 1918.

Haverford College

CATALOGUE

1938-39



HAVERFORD, PA.

1938

JULY							SEPTEMBER							NOVEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
	3	4	5	6	7	8					1	2	3			1	2	3	4	5
10	11	12	13	14	15	16	11	12	13	14	15	16	17	13	14	15	16	17	18	19
17	18	19	20	21	22	23	18	19	20	21	22	23	24	20	21	22	23	24	25	26
24	25	26	27	28	29	30	25	26	27	28	29	30		27	28	29	30			
31																				
AUGUST							OCTOBER							DECEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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21	22	23	24	25	26	27	16	17	18	19	20	21	22	25	26	27	28	29	30	31
28	29	30	31				23	24	25	26	27	28	29							
							30	31												

1939

JANUARY							MAY							SEPTEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7		1	2	3	4	5	6						1	2
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22	23	24	25	26	27	28	21	22	23	24	25	26	27	17	18	19	20	21	22	23
29	30	31					28	29	30	31				24	25	26	27	28	29	30
FEBRUARY							JUNE							OCTOBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
				1	2	3					1	2	3	1	2	3	4	5	6	7
5	6	7	8	9	10	11	4	5	6	7	8	9	10	8	9	10	11	12	13	14
12	13	14	15	16	17	18	11	12	13	14	15	16	17	15	16	17	18	19	20	21
19	20	21	22	23	24	25	18	19	20	21	22	23	24	22	23	24	25	26	27	28
26	27	28					25	26	27	28	29	30		29	30	31				
MARCH							JULY							NOVEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
				1	2	3							1		5	6	7	8	9	10
5	6	7	8	9	10	11	2	3	4	5	6	7	8	12	13	14	15	16	17	18
12	13	14	15	16	17	18	9	10	11	12	13	14	15	19	20	21	22	23	24	25
19	20	21	22	23	24	25	16	17	18	19	20	21	22	26	27	28	29	30		
26	27	28	29	30	31		23	24	25	26	27	28	29							
							30	31												
APRIL							AUGUST							DECEMBER						
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9	10	11	12	13	14	15	13	14	15	16	17	18	19	17	18	19	20	21	22	23
16	17	18	19	20	21	22	20	21	22	23	24	25	26	24	25	26	27	28	29	30
23	24	25	26	27	28	29	27	28	29	30	31			31						
30																				

1940

JANUARY							MARCH							MAY						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
	1	2	3	4	5	6						1	2						1	2
7	8	9	10	11	12	13	3	4	5	6	7	8	9	5	6	7	8	9	10	11
14	15	16	17	18	19	20	10	11	12	13	14	15	16	12	13	14	15	16	17	18
21	22	23	24	25	26	27	17	18	19	20	21	22	23	19	20	21	22	23	24	25
28	29	30	31				24	25	26	27	28	29	30	26	27	28	29	30	31	
							31													
FEBRUARY							APRIL							JUNE						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1							1		2	3	4	5	6	7
4	5	6	7	8	9	10	7	8	9	10	11	12	13	2	3	4	5	6	7	8
11	12	13	14	15	16	17	14	15	16	17	18	19	20	9	10	11	12	13	14	15
18	19	20	21	22	23	24	21	22	23	24	25	26	27	16	17	18	19	20	21	22
25	26	27	28	29			28	29	30					23	24	25	26	27	28	29
														30						

CALENDAR

1938-1939

Stated Meeting of the Board of Managers..Sept. 16, 1938
College Board Examinations for Admission. . .Sept. 19-23
Reporting of Freshmen to Dean MacIntosh.Sept. 20
Registration of all new students.Sept. 19-21
Beginning of College Year with Assembly, 9:10 A.M.

.Sept. 22

Annual Meeting of the Corporation of Haverford

College at the College, 3:00 P.M.Oct. 11

End of First Quarter, 3:30 P.M.Nov. 16

Beginning of Second Quarter, 8:30 A.M.Nov. 17

Stated Meeting of the Board of Managers.Nov. 18

Thanksgiving Recess (both dates inclusive) . . .Nov. 24-27

Christmas Recess (both dates inclusive)

.Dec. 21, 1938-Jan. 3, 1939

Stated Meeting of the Board of Managers.Jan. 13

Last First Semester classes, 2:30 P.M.Jan. 19

First Semester Examination Period (both dates in-
clusive)Jan. 23-Feb. 3

Beginning of Second Semester, 8:30 A.M.Feb. 6

Stated Meeting of the Board of Managers.Mar. 10

End of Third Quarter, 12:30 P.M.Mar. 25

Spring Recess (both dates inclusive)Mar. 26-Apr. 2

Beginning of Fourth Quarter, 8:30 A.M.Apr. 3

First date for selection of Major Subjects by Sopho-
mores.Apr. 3

Last date for selection of Major Subjects by Sopho-
mores.Apr. 30

Last date for submission of Prize Manuscripts. . .Apr. 30

Stated Meeting of the Board of Managers.May 19

Last Classes for Seniors.May 20

Comprehensive Examination Period for Seniors. . .

.May 22-26

Last Second Semester classes, 2:30 P.M.May 25

Second Semester Examination Period (both dates
inclusive)May 29-June 9

Commencement Day.June 10

CALENDAR

1939-1940

Stated Meeting of the Board of Managers	Sept. 15, 1939
College Board Examinations for Admission . . .	Sept. 18-22
Reporting of Freshmen to Dean MacIntosh. . . .	Sept. 19
Registration of all new students.	Sept. 18-20
Beginning of College Year with Assembly, 9:10 A.M.	
.....	Sept. 21
Annual Meeting of the Corporation of Haverford	
College at the College, 3:00 P.M.	Oct. 10
End of First Quarter, 3:30 P.M.	Nov. 15
Beginning of Second Quarter, 8:30 A.M.	Nov. 16
Stated Meeting of the Board of Managers.	Nov. 17
Thanksgiving Recess (both dates inclusive) . .	Nov. 23-26
Christmas Recess (both dates inclusive)	
.....	Dec. 20, 1939-Jan. 2, 1940
Last First Semester classes, 2:30 P.M.	Jan. 18
Stated Meeting of the Board of Managers.	Jan. 19
First Semester Examination Period (both dates in-	
clusive)	Jan. 22-Feb. 2
Beginning of Second Semester, 8:30 A.M.	Feb. 5
Stated Meeting of the Board of Managers.	Mar. 15
End of Third Quarter, 12:30 P.M.	Mar. 23
Spring Recess (both dates inclusive)	Mar. 24-31
Beginning of Fourth Quarter, 8:30 A.M.	Apr. 1
First date for selection of Major Subjects by Sopho-	
mores.	Apr. 1
Last date for selection of Major Subjects by Sopho-	
mores.	Apr. 30
Last date for submission of Prize Manuscripts. . .	Apr. 30
Stated Meeting of the Board of Managers.	May 17
Last Classes for Seniors.	May 18
Comprehensive Examination Period for Seniors. . .	
.....	May 20-24
Last Second Semester classes, 2:30 P.M.	May 23
Second Semester Examination Period (both dates	
inclusive)	May 27-June 7
Commencement Day.	June 8

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HAVERFORD COLLEGE

HISTORY AND DESCRIPTION

Haverford College was founded in 1833. It owes its origin to the insight and energy of a few members of the Society of Friends from Philadelphia and New York who, in the spring of 1830, conceived the idea of founding an institution for education in the higher branches of learning. Its object, in the words of the founders, was "to combine sound and liberal instruction in literature and science with a religious care over the morals and manners, thus affording to the youth of our Society an opportunity of acquiring an education equal in all respects to that which can be obtained at colleges."

The founders were incorporated in 1833 under the laws of the Commonwealth of Pennsylvania into the Haverford School Association, a body now known as the Corporation of Haverford College. This corporation elects a board of managers for the control of its affairs and for the administration of its funds. For the founding of the School sixty thousand dollars was raised, but the sum proved insufficient for its maintenance, and for many years the financial deficit was met by liberal subscriptions of friends.

From 1845 to 1848 the School was closed in order to allow the funds to accumulate and to give time for the collection of an endowment. Since that time, by a number of generous bequests and donations, the amount of invested funds yielding interest has been increased to approximately four million dollars.

The first building of the College was Founders Hall, erected in 1833. The Observatory was built in 1852, and enlarged in 1883. Alumni Hall was built in 1863, and enlarged in 1898 and 1912 to meet the growing needs of the Library. In 1877 Barclay Hall, a dormitory, was erected by

friends of the College. The Mechanical Laboratory was established in 1884, and was provided with a new building in 1890; this was burned down in 1896, and Whitall Hall, a new three-story structure, was built. The old Biological Laboratory was established in 1886; Chase Hall for lectures and recitations and the old Physical Laboratory were built in 1888. The Cricket Shed was erected in 1893. In more recent years, during a period of rapid development, made possible largely by the general and unfailing coöperation of the alumni, the following additions have been made to the College equipment: in 1899, the Logan and Norris section of Lloyd Hall, a dormitory; in 1900, a large and well-equipped gymnasium; in 1903, Roberts Hall, the gift of Lucy Branson Roberts, with college offices and a large auditorium; in 1903, Merion Hall, a dormitory, remodeled from the old Haverford Grammar School building; in 1905, an additional wing to Founders Hall for dining halls and kitchen; in 1906, a permanent building for the heating and lighting plant; in 1907, the enlargement of Merion Hall; in 1909, the Haverford Union, a building presented by Alfred Percival Smith, '84; in 1910, the Lyman Beecher Hall Chemistry Laboratory; in 1912, the Morris Infirmary, given by John T. Morris, '67; in 1913, a new section of Lloyd Hall, given by the estate of the late Justus C. Strawbridge, and a concrete grandstand, the gift of Horace E. Smith, '86; in 1916, the Smith section of Lloyd Hall, from the same donor, and the Kinsey section; in 1917, Isaac Sharpless Hall, for biology and physics; in 1927, completing the dormitory, four additional sections of Lloyd Hall; in 1928, the Hilles Memorial Laboratory of applied science; and, in 1933, the William J. Strawbridge Memorial Observatory. In addition to these College buildings there are a number of residences on the grounds which are occupied for the most part by professors and their families.

The College has a pleasant and healthful location in the township of Haverford, Delaware County, Pennsylvania, nine miles west of the center of Philadelphia. It is accessible by the main line of the Pennsylvania Railroad and by the Philadelphia and Western Railway. The selection of this site is thus described by the first managers: "We wished to procure a farm in a neighborhood of unquestionable salubrity—within a short distance of a Friends' meeting—of easy access from this city at all seasons of the year . . . recommended by the beauty of the scenery and a retired situation." And they reported that they had purchased for the sum of \$17,865 "an oblong tract of 198 $\frac{1}{2}$ acres . . . nearly south of the *eight mile* stone on the Lancaster Turnpike." This property has since been increased to two hundred sixteen acres with an estimated present value of about one million, seven hundred thousand dollars. While a portion is retained as farm and woodland, a lawn of sixty acres was long ago graded and tastefully planted with trees and shrubs by a landscape gardener, so that the natural beauty of the location has increased with passing years. The grounds include six fields, for cricket, baseball, football and soccer, a running-track, twelve tennis courts, and a pond for skating.

Parallel with its material growth there have been changes in the inner life of the College which have affected the methods of administration rather than the essential principles on which the institution was founded. It has gradually increased in number of students, but still enjoys the advantages of a small college. From the first it gave instruction of collegiate scope and grade. Accordingly, in 1856, the name was changed from *school* to *college* and the right to confer degrees was granted by the Legislature. In 1861 the preparatory department was abolished. General courses are now given in arts and science. The endowment for salaries and pensions enables the College to maintain a

faculty of unusual size in proportion to the number of students, and to expend for the instruction, board, and lodging of each student much more than he pays.

In accordance with the modern ideals of religious and moral education, the students enjoy ample liberty, safeguarded by their wholesome physical life, by the traditions of the College, and by the intimate association with their professors and fellow students.

All examinations, quizzes, and tests are conducted under an Honor System administered by the Students' Association. Under the Honor System no person, either student or faculty member, acts as official proctor during examinations. The responsibility for the proper conduct of all examinations is entirely in the hands of each student. Each incoming student is required to sign a pledge accepting the Honor System and all its implications. At the end of all examinations each student shall sign a pledge that he has neither given nor received aid in the examination, and that if he has seen anyone else do so either he or the offender will notify the Students' Council within twenty-four hours. The Students' Council receives and investigates any report of a violation. If the accused person be found guilty, the Council will recommend to the college authorities that the offender's connection with the College be severed for not less than one half year.

The religious tradition bequeathed by the Quaker founders has been carefully cherished, and high ideals of life and conduct are maintained. Three times a month the College attends Friends' meeting in a body. The aims of Haverford have been gradually developing and its function is becoming more and more clear—"to encourage the growth, among a limited number of young men, of vigorous bodies, scholarly minds, strong characters, and a real religious experience."

CORPORATION OF HAVERFORD COLLEGE

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Treasurer

J. HENRY SCATTERGOOD.....1608 Walnut St., Phila.

Secretary

EDWARD W. EVANS.....6014 Chew St., Gtn., Phila.

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Term expires 1939

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Term expires 1940

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ALEXANDER C. WOOD, JR.....511 Chestnut St., Phila.

*ULRIC J. MENGERT.....Morris Bldg., Phila.

* Alumni Representative Manager.

Term expires 1941

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M. ALBERT LINTON.....	46th and Market Sts., Phila.
FRANCIS R. TAYLOR.....	910 Girard Trust Bldg., Phila.
EDWARD WOOLMAN.....	Haverford, Pa.
THOMAS W. ELKINTON.....	121 S. 3rd St., Phila.
DR. S. EMLIN STOKES.....	Moorestown, N.J.
HENRY C. EVANS.....	Spring Lane, Roxboro, Phila.
WILLIAM M. MAIER.....	Bryn Mawr, Pa.
*JOHN K. GARRIGUES.....	Delaware Trust Co., Wilmington, Del.

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Term expires 1939

ARTHUR H. THOMAS	E. WAYNE MARSHALL, JR.	THOMAS WISTAR
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Term expires 1940

ALEXANDER C. WOOD, JR.	I. THOMAS STEERE	FRANCIS J. STOKES
------------------------	------------------	-------------------

Term expires 1941

THOMAS W. ELKINTON	JOHN F. GUMMERE	WILMOT R. JONES
--------------------	-----------------	-----------------

* Alumni Representative Manager.

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RICHARD M. GUMMERE	DR. S. EMLIN STOKES

*Counsel**

PARKER S. WILLIAMS, 1632 Chestnut St., Philadelphia

* Invited to attend all Board Meetings.

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A.B., *Haverford College*; A.B., A.M., and Ph.D., *Harvard University*; Litt.D.,
University of Pennsylvania; LL.D., *University of Maryland* and
Lake Forest College

President

Arranged in order of appointment to present rank.

ALBERT SIDNEY BOLLES

Ph.D., *Middlebury College*; LL.D., *Lafayette College*

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David Scull Professor of Biology, *Emeritus*

JAMES ADDISON BABBITT

A.B., *Yale University*; A.M., *Haverford College*;
M.D., *University of Pennsylvania*

Professor of Hygiene and Physical Education, *Emeritus*

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Penn College; LL.D., *Haverford College*, *Swarthmore College*, *Earlham*
College and *Williams College*; D. Theol., *University of Marburg*;
D.D., *Yale University*

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M.E., *Stevens Institute of Technology*

Professor of Engineering

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Professor of Sociology and Social Work

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A.B., A.M., and Ph.D., *Harvard University*

Professor of Latin

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B.A. and M.Sc., *McGill University*; Ph.D., *Harvard University*

John Farnum Professor of Chemistry

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A.B., A.M., and Ph.D., *Harvard University*

Francis B. Gummere Professor of English

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Professor of Mathematics

EMMETT REID DUNN

A.B. and A.M., *Haverford College*; Ph.D., *Harvard University*

David Scull Professor of Biology

EDWARD DOUGLAS SNYDER

A.B., *Yale University*; A.M. and Ph.D., *Harvard University*

Professor of English

* Absent on leave for the first semester, 1938-39.

** Absent on leave for the second semester, 1938-39.

† Absent on leave for the year, 1938-39.

HAVERFORD COLLEGE

FRANK WHITSON FETTER

A.B., *Swarthmore College*; A.M., *Harvard University*;
A.M. and Ph.D., *Princeton University*

Professor of Economics

JOHN ALEXANDER KELLY

A.B., *Emory and Henry College*; A.M. and Ph.D., *Columbia University*

Professor of German

DOUGLAS VAN STEERE

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A.M. and Ph.D., *Harvard University*

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Ph.D., *University of Pennsylvania*

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B.A., *Hope College*; M.A., *Yale University*; B.D. and Ph.D.,
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S.B., *Haverford College*; Ph.D., *California Institute of Technology*

Associate Professor of Physics

CLETUS O. OAKLEY

B.S., *University of Texas*; S.M., *Brown University*;
Ph.D., *University of Illinois*

Associate Professor of Mathematics

* Absent on leave for the first semester, 1938-39.

HOWARD COMFORT

A.B., *Haverford College*; A.M. and Ph.D., *Princeton University*
Associate Professor of Latin and Greek

THOMAS RAYMOND KELLY

B.S., *Wilmington College*; S.B., *Haverford College*; B.D. and Ph.D., *Hartford Theological Seminary*
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B.S., *University of New Hampshire*; A.M., *Haverford College*;
M.E., *University of New Hampshire*
Assistant Professor of Engineering

THOMAS EDWARD DRAKE

A.B., *Stanford University*; M.A., *University of Michigan*; Ph.D., *Yale University*
Assistant Professor of American History

HOWARD MORRIS TEAF, JR.

B.S., A.M., and Ph.D., *University of Pennsylvania*
Assistant Professor of Economics

EDWARD LORENZO HUBLER

A.B. and A.M., *Wesleyan University*; Ph.D. *Princeton University*
Assistant Professor of English

HENRY VOLKMAR GUMMERE

S.B. and A.M., *Haverford College*; A.M., *Harvard University*
Lecturer in Astronomy

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A.B., *Haverford College*; M.D., *University of Pennsylvania*
Lecturer in Hygiene

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Ph.D., *University of Munich*

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Instructor in Physical Education

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Instructor in Light Athletics

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Instructor in Chemistry

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Ph.B., *Brown University*

Instructor in Athletics

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THEODORE BRINTON HETZEL

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M.A. and Ph.D., *Pennsylvania State College*

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CARL BARNETT ALLENDOERFER

S.B., *Haverford College*; B.A., *Oxford University*; Ph.D., *Princeton University*
Instructor in Mathematics

FRANCIS REDDING WALTON

A.B., *Haverford College*; A.M. and Ph.D., *Harvard University*
Instructor in Latin

The Dean, and the Dean of Freshmen, are ex-officio
members of the Faculty.

ASSISTANTS

JOHN OTTO RANTZ

Engineering

ALAN S. FITZGERALD

Research Associate
in
Physics and Engineering

BRUCE HARTUNG FRENCH

A.B., *Haverford College*
Government

THOMAS NORTON COOK

S.B., *Haverford College*
Government

CECIL C. LILJENSTEIN

B.S., *Middlebury College*
Physics

CURTIS B. WATSON

A.B., *Brown University*
English

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Ph.D., *Yale University*

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Physician in Charge

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WILLIAM MINTZER WILLS

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ROBERT J. JOHNSTON

Superintendent of Buildings and Grounds

AMY L. POST

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Assistant Librarian

MABEL S. BEARD

R.N., *Lankenau Hospital*

Resident Nurse

MAUDE D. DONALDSON

Assistant Registrar

STANDING COMMITTEES OF THE FACULTY AND ADMINISTRATION

The President is an ex-officio member of all committees.

The Dean and the Dean of Freshmen are ex-officio members of the following committees: Admissions, Curriculum, Delinquent Students, Major Concentration and Honors, and Student Affairs.

Admissions

DEAN MACINTOSH, *Chairman*
PROFESSORS WILSON, SNYDER, HOLMES, MR. GUMMERE
AND MR. EVANS

Advanced Degrees

PROFESSOR FETTER, *Chairman*
PROFESSORS LUNT, MELDRUM, PFUND AND FLIGHT

Catalogue

MR. WILLS, *Chairman*
PROFESSORS OAKLEY, T. R. KELLY, DRAKE AND DR. JONES

Curriculum

PROFESSOR POST, *Chairman*
PROFESSORS RITTENHOUSE, DUNN, HERNDON AND TEAF

Delinquent Students

PROFESSOR PALMER, *Chairman*
PROFESSORS J. A. KELLY, REITZEL, WILLIAMSON, OAKLEY,
MR. HADDLETON, MR. MELCHIOR AND MR. CADBURY

Fellowship Recommendations

PROFESSOR STEERE, *Chairman*
PROFESSORS WATSON, FETTER AND SUTTON

Library

PRESIDENT COMFORT, *Chairman*
PROFESSORS LOCKWOOD, LUNT, REITZEL, DRAKE AND DR. HETZEL

Major Concentration and Honors

PROFESSOR SNYDER, *Chairman*

PROFESSORS WATSON, RITTENHOUSE, POST AND T. R. KELLY

Prizes

MR. GUMMERE, *Chairman*

PROFESSORS DUNN AND PFUND

Student Affairs

PROFESSOR WILLIAMSON, *Chairman*

PROFESSORS WILSON, HERNDON, STEERE, H. COMFORT AND TEAF

Student Petitions

DEAN BROWN, *Chairman*

PROFESSORS MELDRUM, H. COMFORT, MR. HENRY AND MR. RANDALL

ADMISSION

An applicant for admission to Haverford College, as an undergraduate, must present evidence that he has received satisfactory ratings on the College Board examinations required of him in accordance with one of the three systems of admission described below. In addition he must present, on blanks furnished by the College, his school record and a certificate of character signed by his school principal, and a health certificate signed by his family physician, including a statement that the applicant has been vaccinated within two years. The school certificate must show satisfactory attainment in 15 units* of work as follows:

English.....	3 units
Mathematics.....	3 units
2 Foreign Languages.....	5 units†
Electives.....	4 units†
Scholastic Aptitude Test‡	

The three plans for admission are described as Plan A, Plan B, and Plan C.

If the candidate seeks admission under Plan A, he must take entrance examinations in *all* the subjects for which he seeks entrance credit. He may take examinations in any of these subjects as preliminary examinations a full year or more before he intends to enter Haverford College, but *only the June examinations* of the College Entrance Examination Board are accepted as preliminary examinations.

* "A unit represents a year's study in any subject in a secondary school, constituting approximately a quarter of a full year's work. A four years' secondary school curriculum should be regarded as representing not more than 16 units of work."

† If 4 units of Latin are offered, 6 units will be required for the two foreign languages, thus reducing the elective requirements to 3 units.

‡ May be omitted only by special arrangement with the admissions office.

HAVERFORD COLLEGE

APPLICATION BLANK

TO THE DIRECTOR OF ADMISSIONS, HAVERFORD COLLEGE,
HAVERFORD, PENNSYLVANIA

Under the conditions set forth on page 24 of the Haverford College Catalogue for 1938-39, I hereby make application for the entry of
(write name in full):

..... First name Middle name Last name

as a student in Haverford College during the year 19.....

Date of birth..... Religious affiliation.....

School last attended.....

Course which he desires to enter (mark one):

ARTS

SCIENCE

Method of entrance:

School record and June College Entrance Board examinations as indicated below (mark one):

PLAN A—Examinations, any of which may be presented as preliminaries, in fifteen Carnegie units.

PLAN B—Examinations of the Plan A type, year of admission, in English, Mathematics and in one foreign language.

PLAN C—Examinations of the Plan A type, year of admission, in English, one foreign language and in the final year's work of two additional subjects taken during his last school year.

Languages presented for admission:

GREEK, with.....years of school preparation

LATIN, " " " " " "

FRENCH, " " " " " "

GERMAN, " " " " " "

ITALIAN, " " " " " "

SPANISH, " " " " " "

Class which he desires to enter.....

Resident or Day Student.....

He desires accommodation involving an expense of \$.....
(Name and address of parent or guardian)

.....

.....19
Date Number Street

.....
City State

If a candidate seeks admission under Plan B, he must take entrance examinations in three subjects—English, Mathematics, and one foreign language.

The Mathematics will be both Mathematics A and C, or Mathematics β ; or Mathematics γ , which will gain advanced standing in Mathematics in College. Mathematics α will not be accepted for entrance.

The one foreign language required will be, for the A.B. degree, Latin 4;* or Greek 2 and Greek H; or Greek 3; for the S.B. degree, Latin 3 or Greek 3 or German 3 or French 3 or Spanish 3. Ordinarily these examinations must all be *taken and passed at one time*, either in June or September. Occasionally exceptions to this rule may be made in cases of students who have taken all of the examinations in June and have failed of entrance by a narrow margin. Such students may be allowed to omit in the September examinations subjects which they passed in June with creditable grades. Such exceptions, however, will be allowed only by special action of the Committee on Admissions.

If the candidate seeks admission under Plan C, he will be required to pass satisfactorily the comprehensive examination in English, an examination in one foreign language, and two examinations in subjects taken during his last school year and covering the work of that year.

* Candidates presenting only three units of Latin are referred to page 65.

The usual list of subjects* in which entrance examinations may be taken to satisfy the requirements for admission to Haverford College is as follows:

SUBJECT	UNITS	COLLEGE BOARD EXAMINATION
English, four years.....	3	English
Mathematics		
Elementary Algebra.....	2	Mathematics A
Algebra, to Quadratics.....	1	Mathematics A1
Plane Geometry.....	1	Mathematics C
Elementary Mathematics.....	3	Mathematics β
Advanced Mathematics.....	4	Mathematics γ
Latin		
Two-Year Latin.....	2	Latin 2
Three-Year Latin—Prose Authors.....	3	Latin 3A
Three-Year Latin—Poets.....	3	Latin 3B
Four-Year Latin.....	4	Latin 4
Fourth Year Latin—Poets.....	1	Latin H
Fourth Year Latin—Prose Authors.....	1	Latin K
Greek		
Two years—Attic Prose and Composition..	2	Greek 2
Third year—Homer.....	1	Greek H
German		
Two years.....	2	German 2
Three years.....	3	German 3
Four years.....	4	German 4
French		
Two years.....	2	French 2
Three years.....	3	French 3
Four years.....	4	French 4
Spanish		
Two years.....	2	Spanish 2
Three years.....	3	Spanish 3
Four years.....	4	Spanish 4

* For the detailed requirements in each examination the candidate should refer to the annual circular of the College Entrance Examination Board. Headmasters and Principals of schools should have copies. (See p. 29 of this catalogue.)

History

Ancient History.....	1	History A
European History, Modern or Mediaeval and Modern.....	1	History B
English History.....	1	History C
American History.....	1	History D
English History and American History....	2	History CD
American History and Contemporary Civ- ilization!.....	2	History DE

Science

Biology, elementary.....	1	Biology
Biological Sciences, two years.....	2	Biology
Chemistry, elementary.....	1	Chemistry
Physics, elementary.....	1	Physics
Physical Sciences, two years.....	2	Physics

A candidate for admission may offer electives either in the usual list or in such other subjects as may be approved in any given case by the Committee responsible for decisions concerning admission. Not more than one unit each may be chosen from these extensions, and then proficiency must be shown that indicates an amount of study and intellectual effort commensurate with that required in other subjects.

Whenever practicable, the College will arrange for the candidate a personal interview with a representative of this institution, and every applicant should realize that, in view of the limited enrollment, he is entering a competition for admission to a select and comparatively small student organization. On the basis of all information available—College Board reports, school record, medical certificate, evidence touching on character and personality—the applicant will be accepted or rejected, and the decision of the Committee on Admissions is final. Since it is desired to admit candidates who are best fitted to profit by the opportunities offered by Haverford College, preference will be given to those with superior records and credentials rather than to those with mere priority of application.

Those students who are accepted will be admitted without conditions. To those who on entrance show marked proficiency in certain subjects, as a result of special tests provided, advanced standing in those subjects will be granted. On account of limited accommodations it is usually impossible to admit students to other than the Freshman class.

Subject to the final acceptance of the candidate, vacant rooms are assigned in the order in which application blanks (see page 24), properly filled out, are received by the College Office; consequently candidates are advised to make application two or three years in advance, addressing preliminary correspondence to the Director of Admissions of Haverford College. For the benefit of the candidate in filling out his application blank, it may here be stated that, for resident students, the inclusive price of tuition, board, and room (including heat, light, attendance, and necessary bedroom furniture, i.e., chiffonier, bed, bed linen) varies from \$725 to \$850 per year; while day students are charged \$400 for tuition, \$480 for tuition and luncheon. For details, see pages 87-88.

SCHEDULE OF EXAMINATIONS FOR ADMISSION

Applicants for admission to the Freshman Class are expected to take the examinations held by the College Entrance Examination Board in many cities in June. Those who pass these examinations in June will receive first consideration for all Freshman scholarships and for the limited accommodations annually reserved for Freshmen.

COLLEGE ENTRANCE EXAMINATION BOARD

Examinations of June 17-24, 1939

The College Entrance Examination Board will hold examinations in June 1939 at more than three hundred points in this country and abroad. A list of these places will be published about March 1, 1939. Requests that the examinations be held at particular points should be transmitted to the Executive Secretary of the College Entrance Examination Board not later than February 1, 1939.

Detailed definitions of the requirements in all examination subjects are given in a circular of information published annually about December 1. Upon request to the Secretary of the College Entrance Examination Board a single copy of this document will be sent to any teacher without charge. In general, there will be a charge of thirty cents, which may be remitted in postage.

All candidates wishing to take these examinations should make application by mail to the Secretary of the College Entrance Examination Board, 431 West 117th Street, New York, N.Y. Blank forms for this purpose will be mailed by the Secretary of the Board to any teacher or candidate upon request by mail.

The applications and fees of all candidates who wish to take the examinations in June 1939 should reach the Secretary of the Board not later than the dates specified in the following schedule:

For examination centers

In the United States east of the Mississippi River or on the Mississippi.....	May 29, 1939
In the United States west of the Mississippi River or in Canada.....	May 22, 1939
Outside of the United States and Canada, except in Asia....	May 8, 1939
.....	May 8, 1939
In China or elsewhere in the Orient.....	April 24, 1939

An application which reaches the Secretary later than the scheduled date will be accepted only upon payment of \$5 in addition to the regular examination fee of \$10.

When a candidate has failed to obtain the required blank form of application, the regular examination fee will be accepted if the fee arrive not later than the date specified above and if it be accompanied by a memorandum with the name and address of the candidate, the exact examination center selected, and a list of the subjects in which the candidate is to take the Board examinations.

When the examination supplies of the local supervisor permit, candidates who have failed to file an application with the Secretary may be admitted, upon payment to the local supervisor of a fee of \$5 in addition to the regular fee, to all examinations except the Scholastic Aptitude Test. Such candidates should present themselves at the beginning of the period of registration. A candidate who registers with the supervisor will receive from him a blank form of application and an identification card which must be filled out and handed to the supervisor for transmission to the Secretary of the Board.

In order to exhibit their tickets of admission, to present their identification cards, and to obtain seats in the examination room, candidates should report for a morning examination at 8:45 and for an afternoon examination at 1:45. An examination will close for candidates admitted late at the same time as for other candidates. The examinations will be held in accordance with the time (Standard Time or Daylight Saving Time) observed in the local schools.

No candidate will be admitted to the Scholastic Aptitude Test late, that is, after the test has begun.

The Scholastic Aptitude Test may be taken upon the completion of the school course or at the end of the third year of secondary school work. Each candidate desiring to take this test, even though he is to take no other examination, must file with the Secretary of the Board the usual application for examination. Every candidate who

registers for the test will receive a practice booklet containing a specimen test with blank spaces to be filled in by the candidate. In order to secure admission to the test, the candidate must present not only his ticket of admission but also this booklet with the spaces filled in as requested. If the Scholastic Aptitude Test is taken in connection with other examinations, no additional fee is required; if taken alone, the fee is \$10.

SEPTEMBER EXAMINATIONS

Examinations are held in September at the College for the convenience of emergency cases. They may not be taken as preliminary examinations. No applicant should deliberately postpone his examination until September, as no assurance can be given that he will be admitted, if the capacity of the College has already been reached. The examinations given will be those of the College Entrance Examination Board.

A fee of \$10 will be charged each candidate taking these examinations as his first trial for admission to Haverford College; a fee of \$5 will be charged for one or more re-examinations. Fees must be paid to Haverford College before admission to the September College Board examinations.

The schedule of examinations to be held in September, 1939, at Haverford College, is as follows:

Monday, September 18

9 A.M.....	English
2 P.M.....	French

Tuesday, September 19

9 A.M.....	Latin
2 P.M.....	History

Wednesday, September 20

9 A.M.....	Elementary Mathematics
2 P.M.....	German, Spanish

Thursday, September 21

9 A.M.....	Chemistry, Physics
2 P.M.....	Greek, Advanced Algebra, Solid Geometry, Plane Trigonometry

Friday, September 22

9 A.M.....	Scholastic Aptitude Test
2 P.M.....	Biology

COURSES OF STUDY

Haverford College recognizes each matriculate as an individual whose training in the past and whose plans for the future may differentiate him from his fellows. The College accordingly lays out tentatively an individual plan of study for each student at the beginning of his Freshman year. This plan is confirmed or modified for each succeeding year.

In making each plan, the College directs Faculty members to see to it that the student takes in his Freshman and Sophomore years certain courses which are required in *his* case and that he distributes his limited electives so as to make the plan both broad and sound.

Haverford College confers at graduation the degrees of Bachelor of Arts and Bachelor of Science, the requirements for the two degrees being identical except in the matter of foreign languages.

The twenty-three courses to be taken before graduation may, for convenience, be distinguished thus, as explained in the pages immediately following:

Required.....	4
Limited Electives.....	5 or 6
(Foreign Language 1 or 2, others 4)	
Major Concentration.....	6
Free Electives.....	8 or 7
	<hr/>
Total.....	23

REQUIRED COURSES

Freshman English and Physical Education 1 are required of all Freshmen. Physical Education 2 and Physical Education 3 are required of all Sophomores and Juniors respectively.

LIMITED ELECTIVES

1. Each student who is a candidate for the Bachelor of Arts degree should present at entrance 4 units of Latin* and

* Candidates presenting only three units of Latin are referred to page 65.

2 units of another foreign language or 3 units of Greek and 2 units of another foreign language. After entrance he must pass one course in Latin (except Latin 1) or Greek.

Each student who is a candidate for the Bachelor of Science degree should present at entrance 3 units of one foreign language and 2 of another. After entrance he must pass either one course in a language which he has presented for entrance or two courses in a third foreign language.

2. Each student must pass one course or two half-courses in Literature, either English or foreign, from the following list: English 3*a*, 4*b*, 5*a*, 8*a*, 12*a*, 12*b*, 13*a*, 14*b*, 16*a*, 16*b*, 17*b*, 18*a*, 21*a*, and 22*b*; French 3, 4, 6*a*, and 6*b*; German 3, 5*a*, 5*b*, 6, and 7*b*; Greek, 1, 2, 3, 4, and 6*b*; and Latin 2, 3, 4, 5, and 14.

This requirement is automatically met by a student who majors in English, French, German, Greek, or Latin.

3. Each student must pass one course involving laboratory work in Biology, Chemistry, or Physics.

This requirement is automatically met by a student who majors in Astronomy, Biology, Chemistry, Engineering, or Physics.

4. Each student must pass one course or two half-courses chosen from Biblical Literature 1*a*, 2*a*, 3*a*, 3*b*, 4*b*, 5*b*; Philosophy 3*a*, 4, 5*b*, 7*a*, 7*b*, 9*a*, 10*b*, or Sociology 1*a*, 2*b*.

This requirement is automatically met by a student who majors in Biblical Literature, Philosophy, or Sociology.

5. Each student must pass one course in Economics, Government, or History.

This requirement is automatically met by a student who majors in Economics, Government, or History.

MAJOR CONCENTRATION

A student may elect to major in any one of the following departments: Astronomy, Biblical Literature, Biology,

Chemistry, Economics, Engineering, English, French, German, Government, Greek, History, Latin, Mathematics, Philosophy, Physics, Sociology.

Definite requirements of each department are stated under the name of the department on pages 42-77 following and, as stated, are understood as applying to the class of 1940. Before May first of his Sophomore year each student must confer with the Major Supervisor of the department in which he wishes to major, and must apply for written approval of a program of courses for the Junior and Senior years. Such a program must provide for the completion by the end of the Senior year of no fewer than six courses, at least three of which must have been in the major department and the others in closely related fields. Should the student's application be rejected by the department of his first choice, he must immediately apply in another. Failure to file with the Dean, before May first, a copy of his Major program, signed by his Major Supervisor, will entail a fine of \$5. Any student who continues delinquent in this matter will be debarred from the final examinations in his Sophomore year. Should the student's application be rejected by all the departments to which he applies, he will not be promoted to the Junior Class.

In addition each Senior must take a special Major examination (written, oral, or both) during the week preceding the final examination period. (Class work for Seniors will close on Saturday, three weeks prior to Commencement Day.) The passing grade for this examination is 70. In case of failure a candidate may, with the permission of his Major department, present himself for re-examination at a date (to be determined by the Major Supervisor) later than Commencement Day of the current year.

In order to allow time for preparation for the Major examination, any Senior may omit, with the consent of his Major Supervisor, one non-Major half-year course in the

second half-year. The grade obtained on the Major examination will be recorded as the grade for course 20*b* in the Major department.

Mid-year and final examinations in the Major subject in courses taken in the Senior year may be omitted at the discretion of the Major Supervisor.

FREE ELECTIVES

A number of courses sufficient to bring the total to 23 shall be chosen by the student, with the understanding that for the Freshman and Sophomore years the College reserves the right through its advisers to prevent unreasonable combinations of courses but that in the Junior and Senior years the student will choose his free electives after consultation with his Major Supervisor, whose power outside the field of major concentration is, however, merely advisory.

Freshman Program

Although the advisers are instructed to lay out for each Freshman a plan of study suited to his special needs, the Faculty recommends in all usual cases that Freshmen take Freshman English (required), one or two foreign languages, and two or three courses chosen from History, Mathematics, and Science, not more than one in any one of those fields.

The courses open to Freshmen, in addition to the required work in English and Physical Education, are:

Biology 1 or 2
Engineering 1
French A, 1, or 2
Chemistry 1 or 2
German A, 1, or 2
Greek A, 1, or 2

History 1
Latin 1, 2, 3*a*, 3*b*, 4*a*, 4*b*
Mathematics 1
Physics 1*a*, 1*b*
Spanish A or 1

In special cases, Freshmen may be admitted to certain other courses with the consent of the Dean of Freshmen.

A Freshman will not be permitted to take more than 5 courses, in addition to Physical Education, except with

special consent of the Faculty. As to requisite grades, see page 80.

Sophomore Program

Each Sophomore must take five courses, besides Physical Education, and may not take more than five, unless he receives the special consent of the Faculty, or is required to repeat or substitute a course, in which case he must obtain the consent of the Dean to take more than five courses. As to requisite grades, see page 80. The following courses are open to Sophomores:

Astronomy 1a, 2b	Greek A, 1, 2, 3, 4, 5, 6b
Biblical Literature 1a, 2a, 3a, 3b, 4b, 5b	History 1, 2, 3, 5†, 6†, 10a, 11b
Biology 1, 2, 3, 4, 5	Italian A, 1
Chemistry 1, 2, 3a, 4, 5b	Latin 1, 2, 3a, 3b, 4a, 4b, 5, 14a, 14b, 15
Economics 1	Mathematics 2
Engineering A, 1a, 1b, 2a, 2b	Music 1
English 3a, 4b	Philosophy 1a, 3a, 4, 6a, 7b, 9a, 10b
French A, 1, 2, 3	Physics 1a, 1b, 2
German A, 1, 2, 3, 4a	Sociology 1a, 2b
Government 1	Spanish A, 1

Junior Program

Each Junior must take five courses, besides Physical Education unless he receives the consent of the Faculty to take a greater number, or is required to repeat or substitute a course, in which case he must obtain the consent of the Dean to take more than five courses. A general average for the year of 70 is a prerequisite for promotion to the Senior class.

Senior Program

Each Senior must take five courses, unless he receives the consent of the Faculty to take a greater number or the consent of his Major Supervisor to drop one course in the second half-year, or unless he is required to repeat or substitute a course, in which case he must obtain the consent

† Prerequisite, History 1.

of the Dean to take more than five courses. A general average for the year of 70 is a prerequisite for graduation.

Special Cases

Whenever a student gives proof of special aims and abilities, the College is prepared to lay aside such requirements of the preceding plan as stand between him and the accomplishment of his aims.

CONFLICTING COURSES

A student is not allowed to elect conflicting courses, except with the permission of the Dean and the two instructors concerned. In case of conflict involving a repeated course the repeated course takes precedence.

SPECIAL PLANS OF STUDY IN PREPARATION FOR PROFESSIONS

A large and increasing number of Haverford College students desire on graduation to enter upon courses of study fitting them for professions. For students desiring intensive preliminary training in engineering, medicine, and other highly specialized subjects, the College offers combinations of courses which admit to the best professional schools in the country with full standing, and in many cases with advanced credit.

To illustrate this feature of the curriculum there are presented on the following pages sample outlines of study for the four years, preparatory to specialization in Engineering, Medicine, Law, and Business Administration. Similar outlines might be prepared for other professions—Teaching, the Ministry, Journalism, Industrial Chemistry, etc. The student will in all cases consult with his Faculty Adviser and the professors concerned in his choice of courses.

N.B.—*It is understood that each of the outlines following is a sample only, presenting one among many possibilities, and is not intended to be a prescribed program.*

Preparation for Engineering.—Engineering today covers an extremely broad field of service, and there is accordingly no standard type of training suitable for all students preparing themselves for an engineering career.

Students not intending to enter the highly specialized fields of design and research will find the Haverford course ample for their needs. Graduates of Haverford who have majored in engineering are admitted to the student-engineer's courses of the leading industrial companies on equal terms with graduates of the larger engineering colleges.

A typical course in General Engineering similar to those variously announced as "Engineering Administration," "General Engineering," etc., is outlined immediately below.

FRESHMAN YEAR

English Composition and Literature*
 Foreign Language
 Mathematics
 Inorganic Chemistry
 Principles of Engineering
 Drawing and Shop Work
 Engineering Orientation and Surveying
 Physical Education*

SOPHOMORE YEAR

American Government
 Elements of Economics
 Calculus
 General Physics
 Mechanism
 Analytical Mechanics
 Physical Education*

JUNIOR YEAR

Government and Business Transportation
 Psychology or Ethics
 Qualitative Analysis (Chemistry)
 Differential Equations
 Elements of Applied Electricity
 Alternating Currents
 An elective
 Physical Education*

SENIOR YEAR

American Literature
 Corporation Finance
 Sociology
 Accounting
 Statistics (Mathematics)
 Heat Engines
 Strength of Materials
 Mechanical Laboratory
 An elective

* Required of all students

Preparation for Medicine.—A student intending to study medicine should plan his college courses carefully in order to avoid conflicts between necessary courses and to avoid overloading with laboratory work in his Junior and Senior years. All the leading medical schools require the equivalent of the following Haverford courses: Freshman English, Biology 1, Chemistry 1, 2, 3a and 4, Physics 2 and either French 1 or German 1. Johns Hopkins University requires both French and German, and also elementary Latin. The University of Pennsylvania requires an additional course in English. Johns Hopkins and Harvard require the equivalent of Chemistry 8a. There is no restriction as to what Major a pre-medical student may elect, since he can concentrate in almost any Major Field, qualifying for either the A.B. or S.B. degree, and at the same time complete the requirements for admission to medical school. The outline program which follows therefore merely indicates a suitable distribution of courses that are required or advised by medical schools. The electives must be so chosen as to satisfy Major Concentration and other requirements for graduation, as well as any special requirements of the medical school to which application is to be made.

FRESHMAN YEAR

English Composition and Literature*
 Elementary Inorganic Chemistry†
 Mathematics
 French or German†
 1 Elective
 Physical Education*

SOPHOMORE YEAR

General Zoölogy†
 Advanced Inorganic Chemistry
 and Qualitative Analysis†
 3 Electives
 Physical Education*

JUNIOR YEAR

Chemistry—Quantitative Analysis and Physical Chemistry†
 or
 Comparative Anatomy
 Organic Chemistry†
 3 Electives
 Physical Education*

SENIOR YEAR

Comparative Anatomy
 or
 Chemistry—Quantitative Analysis and Physical Chemistry†
 General Physics
 Advanced Organic Chemistry†
 2½ Electives

* Required of all students.

† Required for admission by most medical schools.

Preparation for the Law.—Even those law schools which require that a person must hold a college degree to be eligible for admission do not usually specify what studies he shall have pursued in his undergraduate course. It is obvious, however, that a choice of electives may be made which will be of great value to the student later in the study of law and in the practice of his profession. It is recommended that the following courses be included in a student's program. In the case of those advanced courses which are given only in alternate years some variation in this program may be necessary.

FRESHMAN YEAR

English Composition and Literature*
 Foreign Language, preferably Latin
 A Modern Foreign Language
 Mathematics
 English History
 Physical Education*

SOPHOMORE YEAR

American Government
 Elementary Economics
 Laboratory Science
 American, Mediaeval, or Modern History
 An Elective
 Physical Education*

JUNIOR YEAR

Elementary Psychology
 English Constitutional History
 Political Debates, Constitutional Law and Roman Law
 International Relations and International Law
 An Elective
 Physical Education*

SENIOR YEAR

Ethics
 English Literature
 American, Mediaeval, or Modern History
 Corporation Finance
 Public Finance
 Comparative Government
 Money and Banking

Preparation for Business Administration.—Students planning to continue study at a graduate school of business administration or to engage directly in business should arrange their programs for their Freshman and Sophomore years as above suggested for those planning to study law, but for their Junior and Senior years the following courses are recommended.

JUNIOR YEAR

Industry and Society, and Human Relations in Industry
 Money and Banking
 Corporation Finance
 Advanced Composition
 Electives
 Physical Education*

SENIOR YEAR

Ethics
 Economic Problems
 Transportation
 International Trade and Finance
 Public Finance
 American or Modern History
 An Elective

* Required of all students.

COURSES OF INSTRUCTION

ART

1. Introduction to Art.—M. Tu. F. 11:30. DR. BERNHEIMER.

Though mainly historical, this course is intended to serve also as a general introduction to the Fine Arts, for the individual work of art will be used as a basis for the discussion of general principles.

Foremost consideration will be given to the appreciation of Architecture as the leading art of the Middle Ages, but Sculpture, Painting and the Industrial Arts will receive full attention.

The period covered by the course extends from Constantine to Julian II. Lectures with lantern slides, reports, and class discussion.

[Not offered in 1938–39; to be offered in 1939–40.]

2. Art and Culture of the Renaissance.—M. Tu. F. 11:30. DR. BERNHEIMER.

The field covered by this course is wider than its short title seems to indicate; for beside the development of Art in Italy from the 14th to the 16th century, that of the North in the same period will be studied. Emphasis will be laid upon the social and philosophical changes which accompany the changes in artistic style. The course will end with a short discussion of the baroque.

Open to Sophomores, Juniors and Seniors.

[Offered in 1938–39; not to be offered in 1939–40.]

ASTRONOMY

The William J. Strawbridge Memorial Observatory, newly built and equipped, affords students the means of becoming familiar with a variety of astronomical instruments, and of acquiring from actual observation a practical acquaintance with astronomy.

The equipment consists of two equatorially mounted telescopes with 10-inch and 4½-inch objectives respectively; a reflecting telescope with 8-inch mirror and alt-azimuth mounting; a meridian circle telescope of 3¾-inch aperture; a zenith telescope of 2¼-inch aperture; a spectrohelioscope; an astrographic mounting provided with a 4-inch Ross lens and a 4-inch guiding telescope; two clocks;

a chronograph by Bond; charts, globes, and other instruments. The astronomical library is housed in the Observatory.

Major Requirements (For the Class of 1940)

Astronomy 2 and 4.

Mathematics 1, 2, and 3, and Physics 2.

A comprehensive examination, partly oral, based on the subject matter of the above-named courses.

1a. Descriptive Astronomy.—M. W. F. 10:30, first half-year. MR. GUMMERE.

A culture class open to all students.

The leading facts of astronomy, with elementary explanation of the methods and instruments by which they are ascertained. A portion of the time is devoted to the study of the constellations, the handling of the telescopes, and simple problems.

2. Descriptive and Practical Astronomy.—Two class hours and one evening to be arranged. MR. GUMMERE.

This course covers the same ground as Astronomy 1a, together with practical work in the Observatory.

Use of sextant, transit, and equatorial; determination of instrumental constants, latitude, and time. The course is opened with a brief review of the essentials of spherical trigonometry. Prerequisite, *Plane Trigonometry* and *Solid Geometry*.

3a, 3b. Observational Astronomy.—Three hours, to be arranged, either half-year. MR. GUMMERE.

The subject matter will be chosen to meet the needs of the students. Prerequisite, *Astronomy 2*.

4. Celestial Mechanics and Orbit Determination.—Three hours, to be arranged, throughout the year. MR. GUMMERE.

An introduction to mathematical astronomy. Prerequisite, *Astronomy 2*, *Mathematics 3*, or in conjunction with *Mathematics 3*.

BIBLICAL LITERATURE

A gift has made possible field explorations and excavations which have yielded considerable archaeological material. Many objects illustrative of the life in biblical lands have been gathered in the Museum which is at present on the third floor of Sharpless Hall.

Major Requirements

(For the Class of 1940)

Six half-year courses in Biblical Literature.

Six other half-year courses in either Biblical Literature or related departments.

Special study of one selected Biblical field, e.g., history, literature, the Old or New Testament.

A comprehensive examination covering the history, literature, and criticism of the Bible; and the religious and moral life of the Hebrews, Jews, and Christians.

1a. Introduction to the Old and New Testaments.—M. F. 2:30; W. 11:30, first half-year. PROFESSOR FLIGHT.

The literature of the Bible with its historical background.

2a. The Life and Letters of Paul.—Tu. Th. S. 8:30, first half-year. PROFESSOR FLIGHT.

This course deals with the rise, early development and spread of the Christian movement as reflected in the book of Acts and the letters of Paul.

3a. Ancient History of the Near East.—M. W. F. 10:30, first half-year. PROFESSOR FLIGHT.

The Beginnings of Western Civilization in the Cultures of the Near East; Archaeological and Historical.

3b. Development of Christian Thought within the Bible.—Tu. Th. S. 10:30, second half-year. PROFESSOR FLIGHT.

A study of the origins and development of the basic ideas in the teaching of religious leaders from the prophets to Paul.

4b. Comparative Religion.—Tu. Th. S. 9:30, second half-year. PROFESSOR FLIGHT.

A comparative study of the great living religions, their founders, their scriptures, their characteristic ideas and ideals.

[Not offered in 1938-39; to be offered in 1939-40.]

5b. The English Bible.—Tu. Th. S. 9:30, second half-year. PROFESSOR FLIGHT.

History and literary art of the English Bible, particularly the King James version, and its influence on general literature.
[Offered in 1938-39; not to be offered in 1939-40.]

6a. or 6b. Biblical and Oriental Conference.—Hours to be arranged, either half-year. PROFESSOR FLIGHT.

Individual work to be elected by the student from one or more of the following divisions of the field: literature, archaeology, history, philosophy. Prerequisite, other work in the department, in which a grade of B has been attained.

8. Hebrew.—Hours to be arranged. PROFESSOR FLIGHT.

Grammar, composition, and reading of simple Old Testament prose.
[Offered in 1938-39; not to be offered in 1939-40.]

BIOLOGY

Preparation for Graduate Study.—Practically all Medical Schools require Biology 1. As a prerequisite for Graduate work in Biology, most graduate schools require a reading knowledge of French and German, Chemistry 2, Physics 2, and at least Biology 1 and 2. For experimental biology, Chemistry 4 is necessary. For work in natural history, Geology 1 may be substituted for Physics 2.

Major Requirements

(For the Class of 1940)

Biology 1, 2, 7, and one of 3, 4, and 5.

Two courses chosen from Physics 2, Chemistry 2, and Geology 1.

Reading and reporting on approximately 15 biological books, besides those read in connection with courses. This is to be done at any time between the end of sophomore year and the date of the comprehensive examination.

The comprehensive examination on the courses taken and the reading done is required to be passed. This examination will be partly written (approximately 4 hours), and partly oral.

1. General Zoölogy.—Lectures, Tu. S. 11:30; laboratory, W. F. 1:05-3:30. PROFESSOR DUNN and MR. HENRY.

The lectures of this course include a survey of the structure and relationships of animals, of the fundamental principles of living organisms, and an outline of the more important questions relating to evolution, heredity, and distribution. The laboratory periods are devoted to obtaining an acquaintance with the more important types of animal life. Two lectures and two laboratory periods a week.

2. General Botany.—Lectures, W. F. 8:30; laboratory, Tu. Th. 1:05–3:30. MR. HENRY.

The laboratory work of this course consists of the dissection and study of typical representatives of the principal groups of plants. Two lecture or recitation and two laboratory periods a week.

3. Comparative Anatomy of Vertebrates.—Lecture, Th. 10:30; laboratory, Tu. Th. 1:05–3:30. PROFESSOR DUNN.

The laboratory work of this course includes the dissection of a specimen of each of the major types of vertebrates. The lectures deal with the origin, status, and evolution of the organ systems of vertebrates. One lecture and two laboratory periods a week. Prerequisite, *Biology 1*.

4. Local Flora.—Lecture, F. 11:30; laboratory hours to be arranged. MR. HENRY.

The work of this course consists of the identification of representative Angiosperms, together with the study of their taxonomy and distribution. Collecting in the field will supplement laboratory work. One lecture and two laboratory periods a week. Prerequisite, *Biology 2*.

[Offered in 1938–39; not to be offered in 1939–40.]

5. Entomology.—Lecture, F. 11:30; laboratory hours to be arranged. MR. HENRY.

This course has been designed to give the student a knowledge of the anatomy and physiology of insects. The laboratory work consists of the dissection of a representative of each of the larger Orders. Particular emphasis is placed on the structures used in identification and permanent mounts are made of many of them. The preparation of a local collection is required as part of the work. One lecture and two laboratory periods a week. Prerequisite, *Biology 1*.

[Not offered in 1938–39; to be offered in 1939–40.]

7. Evolution, Heredity, and Other General Biological Problems.—Tu. Th. S. 8:30. PROFESSOR DUNN.

This is a general cultural course, intended not only for students of Biology, but for all who wish to be informed on current biological matters, especially students of Sociology, Philosophy and History, and of other sciences. Special emphasis is given to the modern theories of evolution and of heredity. Open, without prerequisite, to Juniors and Seniors.

[Offered in 1938–39; not to be offered in 1939–40.]

10. Seminar Courses. Hours to be arranged. Required of candidates for Honors in Biology.

Open only by permission of the Instructor.

Vertebrate Zoölogy—Classification and evolution of vertebrate groups. Prerequisite, *Biology 1*; *Biology 3* or with *Biology 3*. PROFESSOR DUNN.

Advanced Morphology—Study of morphological problems in animals. Prerequisite, *Biology 3*. PROFESSOR DUNN.

Ecology and Distribution—Problems of habitat relationships or geographical relationship of plants and/or animals. Prerequisite, *Biology 1* or *Biology 2*. PROFESSOR DUNN and MR. HENRY.

Genetics—Problems of Genetics. Primarily for Graduate Students. PROFESSOR DUNN.

Advanced Botany—Studies in comparative anatomy of plants. Prerequisite, *Biology 2, 4*. MR. HENRY.

CHEMISTRY

Students planning to do graduate work in chemistry are advised to complete at least the following courses in other departments: French 1, German 1, Mathematics 2, and Physics 3. Courses in chemistry required for admission to most medical schools are 1, 2, 3a, 4, 5b; to meet the requirements for admission to Harvard or Johns Hopkins medical school, course 8a must be taken also. Courses 4, 5b, 6, 7a, 7b, 8a, 9b, 10a and 10b, may be taken for credit by Graduate Students.

In addition to the laboratory fee referred to on page 88, each student is required to make a deposit of \$10 to cover breakage and other special charges. This deposit must be paid before a laboratory desk is assigned. Any balance remaining is refunded at the end of the year.

Major Requirements

(For the Class of 1940)

Chemistry 2, 3a, 4, 5b, and one half-year course in each half of the Senior year selected from 7a, 7b, 8a, 9b, 10a, and 10b.

Physics 2 and Biology 1 or Mathematics 2.

Additional reading on history of chemistry and on recent developments in chemistry.

The major examination consists of a detailed examination on the subject-matter of Chemistry 2, 3a, 4, 5b, and, in part, Chemistry 1, and a comprehensive examination covering the same general field together with the historical background and recent developments.

1. Elementary Inorganic Chemistry.—Lectures, Tu. Th. and occasionally S. 9:30; laboratory, Tu. or W. 1:05–3:30. MR. CADBURY.

Primarily for Freshmen and Sophomores who have not had chemistry in preparatory school. Limited to thirty-two students. Additional reading required of Juniors and Seniors.

Lectures and laboratory work dealing with the preparation, properties, and uses of the more common elements and their compounds; fundamental laws and theories; and the general principles of chemistry applied to industrial processes.

2. Advanced Inorganic Chemistry and Qualitative Analysis.—Lectures, Tu. Th. and occasionally S. 9:30; laboratory, Tu. Th. or W. F. 1:05–3:30. PROFESSOR MELDRUM and DR. JONES.

Primarily for Freshmen and Sophomores who have had chemistry in preparatory school or who have passed Chemistry 1. Fundamental laws and theories. Reaction velocity and equilibrium. Theories of ionization and atomic structure applied to explain solution and electrolytic phenomena and the mechanism of chemical reactions. Qualitative analysis constitutes the laboratory work.

3a. Quantitative Analysis.—Lectures, Tu. and Th. 10:30; laboratory, two periods from M. Tu. W. 1:05–3:30, first half-year. PROFESSOR MELDRUM and DR. JONES.

Lectures on the general principles of gravimetric, volumetric, electrolytic, and other methods of analysis. In the laboratory, typical methods are applied. Prerequisite, *Chemistry 2* and *Mathematics 1*.

4. Organic Chemistry.—Lectures, W. F. and occasionally M. 10:30; laboratory, Tu. or W. 1:05–3:30. PROFESSOR MELDRUM.

A study of aliphatic, aromatic, and heterocyclic compounds. Prerequisite, *Chemistry 2*.

5b. Physical Chemistry.—Lectures, Tu. Th. S. 10:30; laboratory, Th. or F. 1:05–3:30, second half-year. MR. CADBURY.

An introductory course adapted to the requirements of pre-medical students. Gases; colloids and adsorption; osmotic pressure and other properties of solutions; the phase rule; conductance, electromotive force, and hydrogen ion concentration; reaction velocity and catalysis. Prerequisite, *Chemistry 3a*.

6a, 6b. Special Topics in Theoretical Chemistry.—Hours to be arranged. PROFESSOR MELDRUM and MR. CADBURY.

Open only to graduate students.

7a, 7b. Advanced Physical Chemistry.—Lectures, M. W. F. 9:30. MR. CADBURY and DR. JONES.

Thermodynamics and its application in physical chemistry. Photochemistry. Modern theories of solutions. Applications of the Modern Theories of Atomic Structure. Prerequisite, *Chemistry 2*, *Mathematics 2*, and *Chemistry 5b* or *Physics 2*.

8a. Advanced Organic Chemistry.—Lectures, W. F. 8:30; laboratory, W. or Th. 1:05–3:30, first half-year. DR. JONES.

Special topics in organic chemistry. Organic analysis constitutes the laboratory work.

9b. Advanced Quantitative Analysis.—Lectures, W. F., 8:30; laboratory, two periods from M. Tu. W. 1:05–3:30, second half-year. PROFESSOR MELDRUM, and DR. JONES.

10a, 10b. Chemistry Research.—Hours to be arranged. PROFESSOR MELDRUM, MR. CADBURY, and DR. JONES.

Open only to chemistry majors and graduate students in chemistry. May be elected as one or more courses.

ECONOMICS

Economics 1 is elective for Sophomores and is prerequisite to all other courses in economics. It may be taken by Juniors and Seniors only with the permission of the professor in charge.

Major Requirements

(For the Class of 1940)

Six half-year courses in Economics in addition to Economics 1.

Sociology 1a, and three other half-year courses in supporting fields, as approved by the professors concerned.

Selected readings on the history of economic thought and on current economic problems.

A seven-hour comprehensive examination covering a review of the major courses and the readings. A part of the comprehensive examination may be oral.

1. Elementary Economics.

Section 1—M. W. F. 8:30. PROFESSOR TEAF.

Section 2—M. W. F. 9:30. PROFESSOR FETTER.

Section 3—M.W.F. 11:30. PROFESSOR TEAF.

(The three sections will meet together occasionally at the 11:30 hour on Wednesday. All students electing the course must have this hour free.)

The purpose of this course is to acquaint the student with the main features of modern economic life, and to develop an understanding of the principles underlying economic relationships. Emphasis is laid on the application of these principles to present day problems.

2a. Industry and Society.—Tu. Th. S. 9:30, first half-year. PROFESSOR WATSON.

A sociological appraisal of modern industrialism. The course includes a detailed study of certain social problems, such as wages, hours of labor, unemployment, and other forms of economic insecurity, to discover, if possible, any causal connection between them and industry as such. The wider implications of the Machine Age are examined, together with proposed antidotes and remedies for its alleged evils.

Also called *Sociology 4a*.

3b. Human Relations in Industry.—Tu. Th. S., second half-year. PROFESSOR WATSON.

A study of business organization and the philosophy of management, with special reference to the fields of personnel administration and industrial relations. The course surveys scientific management since Taylor and includes an analysis of the nature, objects, and technique of labor management, employee representation, and plans of union-management cooperation. Prerequisite, *Economics 2a*.

Also called *Sociology 5b*.

[Offered in 1938-39; not to be offered in 1939-40.]

4a. Money and Banking.—M. Tu. F. 11:30, first half-year. PROFESSOR FETTER.

A study of the history and principles of money, credit, and banking, with particular reference to American conditions. Such problems as monetary standards, price movements and their effects, foreign exchange, commercial banking, central banking and the Federal Reserve System, are considered.

5b. International Trade and Finance.—M. Tu. F. 11:30, second half-year. PROFESSOR FETTER.

A study of foreign trade and exchange, international payments and trade problems connected therewith, money and banking in their international aspects, and international indebtedness. Prerequisite, *Economics 4a*.

6b. The Corporation.—M. W. F. 9:30, second half-year. PROFESSOR TEAF.

Economic functions and legal responsibilities of the corporation and its members; fixed capital, and the analysis of financial statements; policies involving surplus, reserves, dividends, etc.; expansion, combination, and reorganization. Social problems created by the growth of corporations are given special attention. Prerequisite, *Economics 11a*.

7b. Transportation.—M. W. F. 10:30, second half-year. PROFESSOR FETTER.

A study of the historical development and present status of railroads, inland waterways, and highway and air transportation in the United States. Among the problems discussed are public regulation of common carriers; rate making; valuation, consolidation, and intercorporate relations of railroads; the relation of railroads to other transportation agencies.

8b. Government Finance.—M. W. F. 8:30, second half-year. PROFESSOR HERNDON.

A study of the general principles of public expenditures, public revenues, public indebtedness, and financial administration, and of the principles of equity in the distribution of tax burdens.

Also called *Government 8b*.

[Offered in 1938-39; not to be offered in 1939-40.]

9a. Modern Economic Problems.—Tu. Th. S. 8:30, first half-year. PROFESSOR FETTER.

A study of selected economic problems of modern times, with special attention to their relation to economic theory. A conference course limited to ten students.

10a. Government and Business.—M. W. F. 10:30, first half-year. PROFESSOR TEAF.

A study of the historical development, economic basis, and the present problems of the regulation of business organization and policies by government. Special attention is given to such topics as the trust movement, anti-trust legislation, the Federal Trade Commission, competitive practices, cartels and trade associations, and the regulation of securities and securities exchanges.

11a. Accounting.—M. W. F. 9:30, first half-year. PROFESSOR TEAF.

The balance sheet and statement of profit and loss, the classification of accounts, the theory of debit and credit, the books of original entry and of record, opening and closing the books, corporation accounts, reserves, etc. Discussion is accompanied by practice problems. This course is intended to provide an understanding of accounting sufficient for students going into the professions as well as a foundation for advanced accounting courses for those who will go into business.

ENGINEERING

The work in engineering is carried on in the Hilles Laboratory of Applied Science, a commodious building of stone and concrete completed in 1929. It contains offices, classrooms, drawing rooms, a departmental library, mechanical and electrical laboratories, locker rooms, etc.

The engineering courses are designed to give a thorough training in fundamental engineering principles and, as far as practicable, to illustrate the application of these principles to their associated industries.

Exceptional facilities for observing the practical side of the work are offered by the many manufacturing com-

panies in and near Philadelphia, and frequent inspection trips are made.

The lack of a general or broad education and of thoroughness in fundamentals has been universally recognized as limiting the usefulness and opportunities of many in the engineering profession. To provide against these deficiencies students electing courses in engineering will be required to pursue studies of a general nature (history, ethics, economics, languages, etc.) throughout the four years, and to concentrate largely on mathematics, physics, and chemistry, the fundamentals of all engineering. This combination of breadth with thorough groundwork prepares the way for the highest professional development.

By a careful selection of electives from the several departments, a student should be able to meet the fundamental requirements of any branch of engineering activity which he may later undertake.* Haverford graduates who desire more specialized training before entering the active work of the profession are granted substantial credit toward advanced standing in technical institutions or are admitted to their graduate schools.

The specific courses offered each year are described below; but, in addition, others may be arranged to cover special needs. Application for admission to such courses should be made to the professor in charge. Engineering 10 and 11 may be counted as courses in Physics for the purpose of satisfying any curriculum requirements.

Major Requirements

(For the Class of 1940)

Engineering 1, 2b, 4a, 5b, 10.

Mathematics 2, Physics 2 and two additional half-year courses from Engineering, Mathematics, Physics, or Chemistry.

An active interest in current professional work.

Comprehensive examination.

* See p. 39 for sample schedule in *General Engineering*.

A. Shop Methods.—Hours to be arranged, first or second half-year. MR. RANTZ.

Machine-tool work on the lathe, planer, milling machine, shaper, etc. Modern production methods; costs and time studies. Prerequisite, *Engineering 1*. Reference library.

1a. Principles of Engineering Drawing and Shop Methods.—Drawing Tu. Th. 1:05–3:30; shop period and inspection trips to be arranged, first half-year. DR. HETZEL and MR. RANTZ.

Lettering, conventions, projection, perspective, sketching, detail and assembly drawings, checking and blue printing. Text: Giesecke, Mitchell and Spencer, *Technical Drawing*. Pattern and foundry work in shop. Reference library.

1b. Engineering Orientation.—Tu. Th. 1:05–3:30; shop period and inspection trips to be arranged, second half-year. PROFESSORS RITTENHOUSE, HOLMES, DR. HETZEL and MR. RANTZ.

The purpose of this course is to inform students as to the nature and scope of various fields of engineering and to acquaint them with typical engineering equipment. Exercises in machine-tool work, in plane surveying and in the mechanical and electrical laboratories. Discussions and reports. Reference library.

2a. Mechanism.—Tu. Th. 10:30; laboratory, W. 1:05–3:30; first half-year. PROFESSORS RITTENHOUSE, HOLMES and DR. HETZEL.

Velocity diagrams, quick return motions, transmission gears, cams, etc. Two recitations and one drafting room period a week. Text: Schwamb, Merrill, and James, *Elements of Mechanism*.

2b. Analytical Mechanics.—Tu. Th. S. 10:30, second half-year. PROFESSOR HOLMES.

A study of forces and moments of forces; determination of stresses in trusses and cranes; centroids and center of gravity; rectilinear and curvilinear motion; translation and rotation of bodies; work, power, and energy; impulse and momentum; balancing and moments of inertia. Text: Seely and Ensign, *Analytical Mechanics for Engineers*. Prerequisite or parallel course, *Mathematics 2*.

3a or 3b. Descriptive Geometry.—Hours to be arranged; PROFESSOR HOLMES.

Advanced orthographic projections; applications to engineering structures. Theory and plates.

4a. Heat Engineering.—M. W. F. 8:30; laboratory period and inspection trips to be arranged, first half-year. PROFESSOR HOLMES and DR. HETZEL.

This course includes a study of steam and gas engines, turbines, condensers, air-compressors, steam boilers, power-plant economies, and cost of power. The thermodynamic principles involved are considered in the first part of the course. Text: Severns and Degler, *Steam, Air and Gas Power*.

In general, one laboratory period a week is required. The laboratory

exercises parallel the classroom work and include boiler and engine testing, fuel tests, gas analyses, calibration of instruments, etc. Comprehensive reports for each test are required. Reference library.

5a. Materials of Engineering.—Two class hours, laboratory periods and inspection trips to be arranged; first half-year. PROFESSOR HOLMES.

A study of the production and engineering properties of metals, their alloys and the more important non-metallic materials. Laboratory exercises on the testing machine, heat treatment, microscopic study of metals and alloys, hardness testing, etc. Text: Mills, *Materials of Construction*. Reference library.

[Offered in 1938-39; not to be offered in 1939-40.]

5b. Strength of Materials.—W. F. 8:30; laboratory period and inspection trips to be arranged; second half-year. PROFESSOR HOLMES and MR. RANTZ.

A study of stress and strain; of beams and columns; of shafting; of girders, trusses, combined stresses, etc. A series of tests on the screw testing-machine is made by each student. Text: Poorman, *Strength of Materials*.

6b. Internal Combustion Engines.—Three hours, to be arranged, second half-year. DR. HETZEL.

A course on gasoline and Diesel engines, with particular attention to thermodynamics and the subject of fuels. Special topics may be arranged according to the interests of the group. Lectures, assigned reading, problems, laboratory experiments, inspection trips. Text: Streeter and Lichty, *Internal Combustion Engines*.

7a. Hydraulics.—Three class hours, laboratory periods and inspection trips to be arranged, first half-year. PROFESSOR HOLMES.

A study of the principles of hydrostatics and hydrokinetics including the laws governing static and dynamic pressure, the flow of water through orifices, tubes, nozzles, weirs, pipe lines and open channels. The theory of hydraulic machinery and flow of water is supplemented by laboratory exercises.

[Not offered in 1938-39; to be offered in 1939-40.]

8a or 8b. Mechanical Laboratory.—Hours to be arranged, first or second half-year. PROFESSOR HOLMES and DR. HETZEL.

Operation, testing, and theory of steam, gas, hydraulic, and air machinery. Two periods of experimental work. Reports. If taken as 8a, the course may be continued through the second half-year by arrangement. Prerequisite, *Engineering 4a*. Reference Library.

10a. Elements of Applied Electricity.—M. Tu. F. 11:30, laboratory, W. or Th. 1:05-3:30, first half-year. PROFESSOR RITTENHOUSE.

This course while fundamental to the more advanced electrical courses is adapted to the needs of those students desiring practical experience with the common applications of electricity. It includes a study of circuits, generators, motors, lamps, transformers, heaters, the telephone, etc. The instruction is carried on by textbook and laboratory work.

10b. Alternating Current Theory and Practice.—M. F. 11:30; laboratory, W. or Th. 1:05–3:30, second half-year. PROFESSOR RITTENHOUSE.

A continuation of course 10a, with a more detailed study of alternating current apparatus.

11a. Electric, Magnetic and Communication Circuits.—Hours to be arranged, first half-year. PROFESSOR RITTENHOUSE and DR. HETZEL.

Circuit theory and laboratory work covering electronic tubes, rectifiers, amplifiers, oscillators, magnetic circuits, polyphase circuits, etc. Text: Weinbach, *Alternating Current Circuits*.

11b. Electrical Circuits and Measurements.—Hours to be arranged, second half-year. PROFESSOR RITTENHOUSE and DR. HETZEL.

A continuation of course 11a with a selection from a wide line of communication, power and electronic apparatus.

ENGLISH LANGUAGE AND LITERATURE

The unrestricted courses in literature (not marked with asterisks) are non-technical, and the books are studied without extensive reference to the continuity of literary history. The courses marked with asterisks, though not necessarily more difficult, involve a more thorough study of literary history and are designed primarily for students majoring in literature or in a closely related field.

Major Requirements

(For the Class of 1940)

An individual program equal to six full-year courses, made up principally from the starred English courses with the approval of the Major Supervisor, and stressing Elizabethan and nineteenth-century literature. Greek 6b is usually prescribed.

English Aa. Methods and Techniques of College Work.—Lecture M. 8:30, and one additional hour to be arranged. First half-year. PROFESSOR REITZEL and MR. WATSON.

This course is used to make sure that students have been adequately prepared in the routines that the faculty believes necessary for efficient college work. These routines are specified as follows:

1. The Use of a Library
2. The Standard Forms and Principles of Documentation
3. Elementary Research
4. An elementary knowledge of Logical Methods and their occurrence in college work
5. A practical skill in Expository Writing.

Students can obtain release from this work as soon as they satisfy the instructors of their proficiency, though normally this is not before the end of the first quarter.

No numerical grade is recorded for this course: the student is registered as Satisfactory or Unsatisfactory.

Public Speaking Aa.—One hour to be arranged. First half-year. PROFESSOR MONTGOMERY.

A diagnosis of the student's voice and speech needs, with recommendations for their improvement. Instruction and practice in extemporaneous speaking.

Students cannot normally obtain release from this work.

No numerical grade is recorded for this course: the student is registered as Satisfactory or Unsatisfactory.

N.B. English Aa and Public Speaking Aa, although under the direction of the English Department, are fundamental to the entire curriculum of the College and not only to the English Department's plan of courses in literature.

English 1a. Advanced Freshman English.—Three hours to be arranged; first half-year. Elective for those students who satisfy the Instructor and the Administration of their eligibility for advanced work. PROFESSOR REITZEL.

English 2b. The History of English Literature.—T. Th. S. 10:30, second half-year. Required of all Freshmen. PROFESSOR REITZEL.

3a. Shakespeare.—Tu. Th. S. 8:30, first half-year. PROFESSOR HUBLER

Rapid reading of several plays with emphasis on features of general and popular interest. Not restricted, but offered primarily for Sophomores.

4b. The Contemporary Drama.—Tu. Th. S. 8:30, second half-year. PROFESSOR SNYDER.

A study of the technique and practice of the modern drama, as illustrated in the works of Ibsen and the best modern dramatists of England and America. Not restricted, but offered primarily for Sophomores.

5a.* Elizabethan Literature.—M. W. F. 9:30, first half-year. PROFESSOR HUBLER.

Plays, lyrics, and pastorals by authors other than Shakespeare. *The Faerie Queene*. Offered primarily for Juniors majoring in English or a foreign literature. Prerequisite, *English 3a*.

6a.* Advanced Composition.—Tu. Th. 1:30–3:00, first half-year. PROFESSOR HUBLER.

Writing is done in connection with individual courses in reading. Limited to twelve Juniors and Seniors. Apply in advance.
[Offered in 1938–39; not to be offered in 1939–40.]

* Students whose field of major concentration is remote from English may not elect the course without permission of the instructor.

8a.* Chaucer.—Tu. Th. S. 10:30, first half-year. PROFESSOR HOTSON.
The *Canterbury Tales* and a wide selection of the other poems. Open to Juniors and Seniors.
[Not offered in 1938-39; to be offered in 1939-40.]

12a.* Eighteenth-Century Literature.—Tu. Th. S. 9:30, first half-year. PROFESSOR SNYDER.
Essays, dramas, and Boswell's *Life of Johnson*. Open to Juniors and Seniors.

12b.* Eighteenth-Century Literature.—Tu. Th. S. 9:30, second half-year. PROFESSOR SNYDER.
Novels, poetry, and biographies of leading men of letters. Prerequisite, *English 12a*.

13a.* Nineteenth-Century Poetry.—M. W. F. 10:30, first half-year. PROFESSOR SNYDER.
A study of six poets: Coleridge, Wordsworth, Shelley, Byron, Keats, and Tennyson. Lectures and classroom discussions.

14b.* Nineteenth-Century Prose.—M. W. F. 10:30, second half-year. PROFESSOR REITZEL.
A study of the prose of the period 1830-1900, with special emphasis on fiction and on critical writings. The relation between economic and literary tendencies is emphasized.

16a. American Literature to the Civil War.—Tu. Th. S. 10:30, first half-year. PROFESSOR SNYDER.
Elective for all Juniors and Seniors.
[Not offered in 1938-39; to be offered in 1939-40.]

16b. American Literature Since the Civil War.—Tu. Th. S. 10:30, second half-year. PROFESSOR SNYDER.
Elective for all Juniors and Seniors.
[Not offered in 1938-39; to be offered in 1939-40.]

17b.* The Development of the Drama.—Second half-year. PROFESSOR SNYDER.
A rapid survey of the development of the drama in Greece, Italy, Spain, France, and Germany, illustrated by famous plays read chiefly in translation. Emphasis is put on comedy. Open to Juniors and Seniors. Prerequisite, *English 3a* or *4b*.
[Offered in 1938-39; not to be offered in 1939-40.]

18a. Special Topics in Shakespeare.**—M. W. F. 1:30; first half-year. PROFESSOR HUBLER.
Prerequisite, *English 5a*. Required of Seniors majoring in English and open, by permission of the instructor, to a few others especially well qualified. Apply in advance.

* Students whose field of major concentration is remote from English may not elect the course without permission of the instructor.

21a. Special Topics in Poetry.**—M. W. F. 9:30, first half-year. PROFESSOR SNYDER.

Important treatises on poetics from Aristotle to Whitman. An intensive study of Browning's poems. Required of Seniors majoring in English and open, by permission of the instructor, to a few others especially well qualified. Apply in advance. Prerequisite, *English 13a*.

22b. Special Topics in Prose of the Romantic Period.**—M. W. F. 9:30, second half-year. PROFESSOR REITZEL.

Required of Seniors majoring in English and open, by permission of the instructor, to a few others especially well qualified. Apply in advance.

FRENCH

Major Requirements

(For the Class of 1940)

French 2, 3, 4, 5, and 6.

Latin 2 or German 2.

History of France 1515-1870.

A comprehensive examination, written and oral, including pronunciation and sight reading.

A. Elementary French.—M. F. 11:30; W. 2:30. MR. MELCHIOR.

Elementary grammar and the reading of simple texts. Emphasis will be laid on pronunciation.

1. Intermediate French.

Section 1—M. W. F. 9:30. MR. MELCHIOR.

Section 2—Tu. Th. S. 9:30. MR. MELCHIOR.

Grammar, composition, and reading, both in the classroom and as outside work. Prerequisite, *French A* or entrance *French 2*.

2. Advanced Intermediate French.

Section 1—M. W. F. 9:30. PRESIDENT COMFORT.

Section 2—M. W. F. 10:30. PROFESSOR WILLIAMSON.

Section 3—Tu. Th. S. 9:30. PRESIDENT COMFORT.

Composition. Reading of French classics, both in the classroom and as outside work. Prerequisite, *French 1* or entrance *French 3*.

3. Advanced French.

—M. W. F. 9:30. PROFESSOR WILLIAMSON.

Rapid reading course in French literature of the nineteenth and twentieth centuries, both in the classroom and as outside assignments. Prerequisite, *French 2*.

4. History of French Literature.—Tu. Th. S. 9:30. PRESIDENT COMFORT first half-year, PROFESSOR WILLIAMSON second half-year.

Lectures, with collateral reading and reports on the history of French literature from its origins to the present time. Prerequisite, *French 2*.

[Not offered in 1938-39; to be offered in 1939-40.]

5. Advanced French Composition and Conversation.—Tu. Th. S. 8:30. MR. MELCHIOR.

6a. French Literature of the Seventeenth Century.—Hours to be arranged, first half-year. PROFESSOR WILLIAMSON.

Lectures, reports and discussions on the main currents of thought and outstanding literary figures of the century. Prerequisite, *French 3* or *French 4*.

[Offered in 1938–39; not to be offered in 1939–40.]

6b. French Literature of the Eighteenth Century.—Hours to be arranged, second half-year. PROFESSOR WILLIAMSON.

Lectures, reports and discussions on the main currents of thought of the Age of Reason. Prerequisite, *French 3* or *French 4*.

[Offered in 1938–39; not to be offered in 1939–40.]

(French 5, 6a, and 6b may be elected only by qualified Juniors and Seniors after consultation with the professor in charge.)

GEOGRAPHY AND GEOLOGY

The college has collections of minerals and fossils, maps, charts, etc. These are housed in the upper two floors of Sharpless Hall.

1. Geography and Geology.—Tu. Th. S. 8:30. PROFESSOR DUNN.

A discussion of the general principles of the sciences, with special reference to North America, and to the Philadelphia region. Practical work in mineralogy, physiography, and stratigraphy is required. Three lectures a week (one omitted at option of instructor). Open to Juniors and Seniors without prerequisite.

[Not offered in 1938–39; to be offered in 1939–40.]

GERMAN

Major Requirements

(For the Class of 1940)

German 2, 3, 4a, 5a, 5b, 6, and 7b.

Supporting courses to be arranged in conference with Professor J. A. Kelly.

A comprehensive examination covering: 1. German language; 2. History of the German language; 3. German literature; 4. German history, 1517–1914; and 5. A special period, literary movement, or writer.

A. Elementary German.—Section 1—M. W. F. 9:30; Section 2—M. W. F. 10:30. PROFESSORS J. A. KELLY and PFUND.

Grammar, conversation, and the reading of simple texts.

1. Intermediate German.—Section 1—M. W. F. 9:30; Section 2—M. W. F. 10:30. PROFESSORS J. A. KELLY and PFUND.

Texts of moderate difficulty are read both in class and as outside work. One hour a week is devoted to composition. Prerequisite, *German A* or entrance *German 2*.

2. German Language and Literature.—Tu. Th. S. 9:30. PROFESSOR PFUND.

Reading of standard works of German Literature. Composition. Prerequisite, *German 1* or entrance *German 3*.

3. Lessing, Goethe, Schiller.—Hours to be arranged. PROFESSOR J. A. KELLY.

Prerequisite, *German 2* or the equivalent.

4a. Advanced Composition and Conversation.—M. 2:30, and one evening session; first half-year. PROFESSOR PFUND.

Prerequisite, *German 2* or the equivalent.

5a. General View of German Literature, from its origins to the eighteenth century.—Hours to be arranged, first half-year. PROFESSOR PFUND.

Prerequisite, *German 2*.

5b. General View of German Literature, from the eighteenth century to the present time.—Hours to be arranged, second half-year. PROFESSOR PFUND.

Prerequisite, *German 2*.

6. German Literature of the Nineteenth Century.—Hours to be arranged. PROFESSOR J. A. KELLY.

[Offered in 1938–39; not to be offered in 1939–40.]

7b. Faust.—Hours to be arranged, second half-year. PROFESSOR PFUND.

[Offered in 1938–39; not to be offered in 1939–40.]

8a. The Life and Works of Richard Wagner.—Hours to be arranged, first half-year. PROFESSOR J. A. KELLY.

[Not offered in 1938–39; to be offered in 1939–40.]

GOVERNMENT

Government 1 is a prerequisite for any other course in this department.

Major Requirements

(For the Class of 1940)

Six half-year courses in Government.

Six other half-year courses in Economics, Sociology, and History.

A four-hour examination covering a review of the major field.

A three-hour examination covering readings in political philosophy.

1. American Government.—Section 1, Tu. Th. S. 9:30. Section 2, Tu. Th. S. 10:30. PROFESSOR HERNDON.

A study of the practical working of the American system of government, national, state, and local, with a careful consideration of the leading court decisions.

2b. Political Debates.—Tu. 1:30–3:30; Th. 2:30, second half-year. PROFESSOR HERNDON.

Limited to twelve Juniors. Principles of argumentation and debating, and practical work in political debating.

[Not offered in 1938–39; to be offered in 1939–40.]

3a. Constitutional Law.—M. W. F. 8:30, first half-year. PROFESSOR HERNDON and MR. COOK.

A study of the principal decisions of the Supreme Court of the United States, together with practice in the preparation of cases and the writing of opinions.

4a. International Relations.—W. 11:30, Th. 7:30–9:30 P.M., first half-year. PROFESSOR HERNDON and MR. FRENCH.

The Practice of Diplomacy. A critical study of the quest of empire and the foreign policies of the Great Powers.

5b. International Law.—W. 11:30, Th. 7:30–9:30 P.M., second half-year. PROFESSOR HERNDON and MR. COOK.

The nature of international public law, the history of its growth, the so-called laws of war and neutrality are subjects covered in this course. The United States Government requires of those entering its foreign service such a knowledge of international law as may be obtained from this course.

[Offered in 1938–39; not to be offered in 1939–40.]

6b. Comparative Government.—M. W. F. 10:30, second half-year. PROFESSOR HERNDON.

A comparative study of the modern constitutional systems of the principal European states.

[Not offered in 1938–39; to be offered in 1939–40.]

8b. Government Finance.—M. W. F. 8:30, second half-year. PROFESSOR HERNDON.

A study of the general principles of public expenditures, public revenues, public indebtedness, and financial administration, and of the principles of equity in the distribution of tax burdens. (Also called *Economics 8b*.)

[Offered in 1938-39; not to be offered in 1939-40.]

GREEK*

Students presenting two units of Greek for entrance (see page 26) will be admitted to *Greek 1*; those who have passed three units, to *Greek 2*.

Major Requirements

(For the Class of 1940)

Greek 2, 3, and two half-year courses from Greek 4a, 4b, 5a, 5b, 6b, and History 10.

Three additional courses to be arranged in conference with Professor Post.

If Greek 1 is not taken in college, an additional half-course will be required.

A comprehensive examination on Greek language and literature, Greek history and Greek civilization.

A. Elementary Greek.—M. W. F. 9:30 PROFESSOR POST and DR. WALTON.

Thorough study of the elements of the language followed by the reading of simple Attic prose. This course gives adequate preparation for *Greek 1*.

1. Intermediate Greek.—M. Tu. F. 11:30. PROFESSOR POST.

A rapid reading course in such authors as Homer, Herodotus, and Euripides.

2a, 2b. Advanced Intermediate Greek.—Tu. Th. S. 9:30. PROFESSOR POST.

Selections from Plato, Menander, Aristophanes, and the tragedians are read.

3a, 3b. Advanced Greek.—Hours to be arranged. PROFESSOR POST.

The instructor will arrange with students electing this course for systematic study of special subjects in Greek philosophy, history, or literature in connection with the reading of Greek authors.

* See also History 10.

4a, 4b. Advanced Greek.—Hours to be arranged. PROFESSOR POST.
A continuation of the work done in *Greek 3*.

5a, 5b. Advanced Greek Prose Composition.—Hours to be arranged.
PROFESSOR POST.

This course should be taken by all candidates for final honors in Greek.

6b. Greek Literature in English.—M. W. F. 8:30, second half-year.
PROFESSOR POST.

Lectures on Greek literature. Reading of Greek poetry, drama, and literary criticism in translation. Essays and discussions. No knowledge of Greek is required in this course, but a general acquaintance with English literature is essential.

HISTORY

Major Requirements

(For the Class of 1940)

Four full-year courses (or three full-year courses and two half-year courses) in History.

Two full-year courses or their equivalent in related departments.

Four review examinations of three hours each.

1. English History.—M. W. F. 10:30. PROFESSOR LUNT.

A survey of political, constitutional, economic, and social history, intended as an introductory course. Open to Freshmen and Sophomores.

2. Foundations of the United States, 1492-1865.—M. W. F. 8:30.
PROFESSOR DRAKE.

Lectures, reading, and discussion in American colonial and early national history. Not open to Freshmen.

3. National Development of the United States, 1865 to the Present.—
Tu. Th. S. 8:30. PROFESSOR DRAKE.

A study of institutional growth, with the larger social and political issues of the present considered in their historical setting. A lecture, reading, and discussion course as described in History 2. Intended primarily for Juniors and Seniors.

4. English Constitutional History.—M. W. F. 9:30. PROFESSOR LUNT.

A study of the formation and growth of English institutions, designed to be useful particularly to those who are interested in government and law. Elective for Juniors, Seniors, and Graduates.

[Not offered in 1938-39; to be offered in 1939-40.]

5. Mediaeval History.—M. W. F. 9:30. PROFESSOR LUNT.

A survey of the history of Europe from the time of the barbarian invasions to about 1500. Elective for Juniors, Seniors, and Graduates.

Sophomores who have had *History 1* may also enter this course. Graduate students should have a reading knowledge of Latin, French or German.

[Offered in 1938-39; not to be offered in 1939-40.]

6. Modern European History.—M. W. F. 1:30, PROFESSOR LUNT.

A survey of the history of Europe from about 1500 to the present. Elective for Juniors and Seniors. Sophomores who have had *History 1* may enter the course.

[Not offered in 1938-39; to be offered in 1939-40.]

10. Greek History.—T.Th.S. 8:30. PROFESSOR H. COMFORT.

Elementary course. A knowledge of Greek is not required.

11b. Roman History.—T.Th.S. 8:30, second half-year. PROFESSOR H. COMFORT.

Elementary course. A knowledge of Latin is not required.

[Not offered in 1938-39.]

ITALIAN

A. Elementary Italian.—M. W. F. 1:30. PROFESSOR WILLIAMSON.

Grammar, composition, and reading. Not open to Freshmen.

[Offered in 1938-39; not to be offered in 1939-40.]

1. Italian Literature.—Hours to be arranged. PROFESSOR WILLIAMSON.

The *Divina Commedia* and Italian classics both in the classroom and as outside work. Prerequisite, *Italian A*.

[Not offered in 1938-39; to be offered in 1939-40.]

LATIN*

One Latin (or Greek) course is required for the A.B. degree, but students who have passed only three units of Latin for entrance must take *Latin 1* as prerequisite for the required Latin course, which may be any course except Latin 1 or Latin 10.

Major Requirements

(For the Class of 1940)

Four full-year courses in Latin.

Two such additional full-year courses in other departments as are arranged in conference between the student and Professors Lockwood and H. Comfort.

A comprehensive examination focused on Roman history, literature, and civilization, and the classical heritage of mediaeval and modern times.

1. Preparatory Latin.—Hours to be arranged. First half-year, PROFESSOR H. COMFORT and DR. WALTON; second half-year, PROFESSORS LOCKWOOD and H. COMFORT.

Vergil's *Aeneid* or Cicero's *Orations*.

2. Survey of Classical Roman Literature.—First half-year, PROFESSOR H. COMFORT and DR. WALTON; second half-year, PROFESSORS LOCKWOOD and H. COMFORT.

Section 1—M. F. 9:30; W. 11:30.

Section 2—M. F. 2:30; W. 11:30.

Rapid reading of classical authors from Plautus to Suetonius. This course supplements the intensive foundation work of the preparatory school with extensive reading over a broader range of Latin literature illustrating Greco-Roman life and thought. Emphasis will be laid on literary history and appreciation.

3a. Roman Drama.—Hours to be arranged, first half-year. PROFESSOR POST and DR. WALTON.

Plautus, Terence, Seneca.

[Offered in 1938-39; not to be offered in 1939-40.]

3b. Roman Imperial Prose.—Hours to be arranged, second half-year. PROFESSOR H. COMFORT.

Petronius, Tacitus, Pliny's *Letters*.

[Offered in 1938-39; not to be offered in 1939-40.]

4a. Roman Historians.—Suggested hours, Tu. Th. S. 10:30, first half-year. PROFESSOR H. COMFORT.

Livy, Caesar, Cicero's *Letters*.

[Not offered in 1938-39; to be offered in 1939-40.]

* See also History 11b.

4b. Poetry of the Golden Age.—Suggested hours, Tu. Th. S. 9:30, second half-year. PROFESSOR H. COMFORT.

Catullus, Vergil, Horace, Ovid.

[Not offered in 1938-39; to be offered in 1939-40.]

Any of the following courses may be repeated with change of content, for full credit.

5. Survey of European Latin Literature.—Hours to be arranged. PROFESSOR LOCKWOOD.

Rapid reading of selections from the post-classical, Christian, mediaeval, and modern Latin writers; study of the phases of European civilization represented in Latin letters.

Note: Offered only as a half-year course 5b in 1938-39.

10a or 10b. Prose Composition.—Hours to be arranged, either half-year. First half-year, PROFESSOR H. COMFORT. Second half-year, PROFESSOR LOCKWOOD.

Required of candidates for Final Honors in Latin.

14a or 14b. Readings in Latin Literature.—Hours to be arranged. First half-year, PROFESSOR H. COMFORT; second half-year, PROFESSOR LOCKWOOD.

Individual work. Each student may select a field of reading which is correlated with his other college courses (e.g., in philosophy, history, Romance languages, or English literature) or he may pursue more intensive work in one of the periods or one of the literary types surveyed in *Latin 2, 3, 4 or 5*.

15. Roman Law.—Hours to be arranged. PROFESSOR LOCKWOOD.

Reading of selections from the *Institutes*, the *Digest*, and other texts and sources of Roman Law.

Note: Offered only as a half-year course 15b in 1938-39.

MATHEMATICS

Freshmen who have passed courses in Solid Geometry and Trigonometry will be placed in an advanced section of *Mathematics 1*.

Mathematics 3 should be taken by students contemplating advanced work in Chemistry, Engineering or Physics.

Candidates for the Master's degree will be required to present a thesis.

Major Requirements

(For the Class of 1940)

Mathematics 1, 2, 3, 4, 5, 6a and 7b.

Prescribed parallel reading on the history and general principles of Mathematics.

Two written comprehensive examinations, each three hours in length, one on Algebra and Geometry, and one on Analysis.

It is recommended that facility in reading French and German be acquired as early in the College Course as possible.

1. Freshman Mathematics.—M. F. 11:30, Tu. Th. 8:30. PROFESSORS WILSON and OAKLEY and DR. ALLENDOERFER.

Plane Trigonometry, including logarithms and the solution of triangles, with applications. *Topics in Algebra*, including complex numbers, combinations and permutations, determinants, and the elements of the theory of equations. *Solid Geometry*: lines and planes, solid angles, and the sphere. *Analytic Geometry*: general methods, with applications to conic sections and other curves; introduction to geometry of three dimensions.

2. Calculus.—M. W. F. 8:30. PROFESSOR WILSON and DR. ALLENDOERFER.

Differential and Integral Calculus, with applications. Prerequisite, *Mathematics 1*.

3. Advanced Calculus and Differential Equations.—M. W. F. 8:30. PROFESSOR OAKLEY. Prerequisite, *Mathematics 2*.

4a, 4b. Introduction to Higher Algebra.—3 hours, to be arranged. PROFESSOR WILSON.

The number system, theory of equations, determinants and matrices, elements of group theory. Prerequisite, *Mathematics 2*.

5a, 5b. Introduction to Higher Geometry.—3 hours, to be arranged. PROFESSOR WILSON.

Advanced methods in analytic geometry of two and three dimensions. Projective geometry, synthetic and analytic methods. Prerequisite, *Mathematics 4*.

6a. Partial Differential Equations and Fourier Series.—3 hours, to be arranged, first half-year. DR. ALLENDOERFER.

Problem course, with many applications to Chemistry, Engineering and Physics. Prerequisite, *Mathematics 3*.

7b. Theory of Functions of a Complex Variable.—3 hours, to be arranged, second half-year. PROFESSOR WILSON. Prerequisite, *Mathematics 3*.

8a. Introduction to Statistics.—M. W. F. 10:30, first half-year. PROFESSOR OAKLEY.

Tabular and graphic methods, frequency distribution, averages, measures of central tendency, dispersion and skewness, correlation. Lectures and laboratory. Prerequisite, *Mathematics 1*.

Elective for Juniors and Seniors.

9a. Introduction to the Theory of Probability and Finite Differences.—M. W. F. 10:30, first half-year. PROFESSOR OAKLEY.

This course is designed for students who are interested in actuarial work. Prerequisite, *Mathematics 2*.

[Not offered in 1938-39; to be offered in 1939-40.]

MUSIC

1. Introduction to Music, Analysis of Musical Forms, and Historical Survey.—M. Tu. F. 11:30. PROFESSOR SWANN.

As indicated above, the purpose of the course is a three-fold one: to define and clarify the scope of music for the average listener, to attain to a knowledge of the rudiments of music that will enable the student to analyse such classical forms as the fugue, sonata, or rondo, and to present the material in historical order, pointing out the place of music and the rôle of individual composers in the successive epochs of the Christian era (up to the middle of the 19th century).

PHILOSOPHY

Major Requirements

(For the Class of 1940)

Philosophy 1a, 4, 7a.

Four other half-year courses in Philosophy.

Four half-year courses in related fields to be arranged in conference with the professor in charge.

A comprehensive examination in two parts: three hours on the history of philosophy and three hours on one optional field selected from Topics in Philosophy since 1800, or Religious Thought, or Psychology.

1a. Elementary Psychology.—M. F. 1:30, Tu. 11:30 or W. 1:30, first half-year. PROFESSOR THOMAS R. KELLY and DEAN MACINTOSH.

The problems of human nature will be faced in this course by means of lectures, discussions, and assigned readings. A textbook will be used to acquaint the student with the major findings of modern scientific investigators in this field, and group experiments will be conducted to illustrate important points. The student will be introduced to the significant rival schools of psychology.

2b. Advanced Psychology.—Tu. Th. S. 9:30, second half-year. PROFESSOR STEERE.A study of the nature and functioning of personality by an examination of personality in difficulties. Both the forms of abnormal behavior and the modern theories of psychotherapy will be studied. Lectures, class reports, and occasional trips to clinic. Elective for twelve Juniors and Seniors and only by consent of instructor. Prerequisite, *Philosophy 1b*.

[This course is designed for advanced students and graduates only.]

3a. Introduction to Philosophy.—M. W. F. 8:30, first half-year. PROFESSOR THOMAS R. KELLY.

In this introductory course an attempt is made to orient the student in the whole field of philosophy, preparing him for the more specialized disciplines, such as ethics, logic, and the philosophy of science. The course deals with the philosophy of nature, the theory of knowledge, and the philosophy of spirit.

4. History of Philosophy.—M. W. F. 10:30. PROFESSORS STEERE and THOMAS R. KELLY.

A study of the development of philosophy with special reference to Plato, Aristotle, Descartes, Locke, Berkeley, Hume, Spinoza, Leibnitz, Kant, and Hegel. First-hand acquaintance with selected writings of these philosophers, reports, lectures, and class discussions.

5b. Nineteenth-Century Thinkers.—Hours to be arranged, second half-year. PROFESSOR STEERE.

Selected writings of Schopenhauer, Nietzsche, Tolstoy, and Bergson. Open only to Juniors and Seniors, except by permission of instructor.

6b. Logic.—Tu. Th. S. 8:30, second half-year. PROFESSOR THOMAS R. KELLY.

The course is designed to acquaint the student with the logic of scientific method and to develop facility in the classical deductive logic. In addition, the recent expansion of this latter field through the development of symbolic logic is examined. Elective for Juniors and Seniors.

[Not offered in 1938-39; to be offered in 1939-40.]

7a. Ethics.—M. F. 2:30, W. 11:30, first half-year. PROFESSOR STEERE.

This course will study (1) conflicts of ethical values involved in contemporary life; (2) certain classical ethical devices for resolving those conflicts; (3) the role of the individual and of the group in the realization of ethical values. Case material drawn from contemporary situations and from literature will be widely used. Discussions, lectures and papers.

7b. Oriental Philosophy.—M. W. F. 8:30, second half-year. PROFESSOR THOMAS R. KELLY.

An introduction to life ideals and philosophic speculations of Eastern peoples, particularly those of China and India. Each year in which the course is offered, special emphasis will be laid upon the thought of one country. The emphasis during 1938-39 will be upon the philosophy of India.

[Offered in 1938-39; not to be offered in 1939-40.]

8. Philosophical Seminar.—Hours to be arranged. PROFESSORS STEERE and THOMAS R. KELLY.

Specialized work in some restricted field of philosophic or religious thought is undertaken, the precise subject depending upon the needs of the students and the general interests of the group. Primarily designed for seniors majoring in philosophy or for graduates.

9a. Classics of Religious Literature.—Tu. Th. S. 8:30, first half-year. PROFESSOR STEERE.

A study which will include such books as Augustine, *Confessions*; Bernard of Clairvaux, *On Consideration*; Meister Eckhart, *Sermons*; *Little Flowers* of Francis of Assisi; Thomas à Kempis, *Imitation of Christ*; *Theologica Germanica*; Theresa of Avila, *Autobiography*; Frances de Sales, *Introduction to the Devout Life*; Lancelot Andrewes, *Preces Privatae*; Pascal, *Thoughts*; Isaac Penington, *Letters*; John Wesley, *Journal*; John Henry Newman, *Apologia*; George Tyrell, *Autobiography*.

[Not offered in 1938-39; to be offered in 1939-40.]

10b. History and Philosophy of Quakerism.—M. F. 2:30, W. 11:30, second half-year. PROFESSOR THOMAS R. KELLY.

The Quaker Movement is studied in its relation to other intellectual and religious movements of its time, particularly those found in English philosophy. The development of the dominant Quaker conceptions is traced to the present day and critically examined. The course is designed for non-Friends as well as for Friends. Not open to Freshmen.

PHYSICAL EDUCATION

The college equipment for outdoor athletics includes: Walton Field for football and track and field sports, with a concrete and wood grandstand and 440-yard oval and 220-yard, six-lane straightaway cinder tracks; the Class of 1888 and Merion Fields for Association (soccer) football, both of which are used for baseball in the spring; a skating pond; Cope Field for cricket, with players' pavilion and shed for winter practice; an athletic field, presented by the Class of 1916; a baseball field, presented by the Class of 1922 and used also for soccer in the fall; and twelve tennis courts, five of which were presented by the Class of 1923.

The Gymnasium contains a main floor, sixty by ninety feet, equipped with the most improved gymnastic apparatus, and used for basketball. It has an inclined running track, five feet in width. Adjoining the main floor are offices for the use of the directors in physical examination and measurement, and for special student conferences. Adjoining the main hall is a large and comfortable reading room and apartments for the use of the College athletic coaches and alumni. The basement contains dressing rooms, a number of well ventilated lockers, shower baths, a pool, a wrestling room and storage room for athletic equipment. There is a special dressing room provided for visiting athletic teams. A fencing room is located in the Chemistry building, next to the Gymnasium. Through the courtesy of the Merion Cricket Club and the Merion Golf Club, facilities for squash and golf are available.

A thorough physical examination with a series of efficiency tests is given to each student upon entrance, and another at the end of Sophomore year. A Tuberculin Test is given to all Freshmen, followed by an X-ray if necessary, as part of this required examination. No student whose

physical condition is unsatisfactory will be permitted to represent the College on any athletic team.

Course 1 is required of Freshmen; Course 2, of Sophomores; Course 3, of Juniors.

These courses are arranged in accordance with the plan for all-year physical training during Freshman and Sophomore years, and part-year physical training during Junior year. For *Physical Education 1 and 2*—a half course credit will be given. For *Physical Education 3*—a pass or failure will be shown.

1. Physical Education.—Three hours, entire year. MR. EVANS, MR. HADDLETON, and others.

A course of elementary instruction in athletic games, including football, soccer, cross country, track, baseball, cricket, tennis, golf, partly elective, first and fourth quarters; and, when a student has not been released from it, in systematic gymnastic training, second and third quarters.

2. Physical Education.—Three hours, entire year. MR. EVANS, MR. HADDLETON, and others.

A course of advanced instruction in athletic games, partly elective, first and fourth quarters, and, when a student has not been released from it, in advanced gymnastic training, second and third quarters.

3. Physical Education.—Three hours. MR. EVANS, MR. HADDLETON, and others.

A course almost entirely elective, involving participation in some organized and supervised athletic activity during two of the three athletic seasons of the college year.

PHYSICS

Course 2 is the basic course for further work in physics or in engineering. It covers the work required for admission to medical schools and other graduate institutions.

Major Requirements

(For the Class of 1940)

Physics 2, 10 and one and one-half or two full-year courses from Physics 3, 4a, 5a, 6a, 6b, 7a, 8b.

History of Physics.

Mathematics 2, and one or one and one-half courses from Chemistry 1 or 2, Engineering 10, 11, Astronomy 1a, 2b, or additional mathematics.

A comprehensive examination based upon above-mentioned courses.

1a. Elementary Physics.—M. W. F. 9:30, first half-year. MR. ELDER.

A survey course designed for students who have had no previous study of physics. Its purpose is to acquaint students with physical laws and their applications to daily life. Emphasis is laid upon the solution of problems. The various fields of physics are studied, stressing mechanics, heat, sound, and light, with less time spent upon electricity and magnetism inasmuch as it is expected that a student will, in general, continue the complementary half of this course by electing *Physics 1b*.

1b. Elements of Radio Communication.—M. W. F. 9:30, second half-year; laboratory, Tu. 1:05–3:30. MR. ELDER.

An introductory course in the fundamentals of high frequency transmission and reception, with laboratory experiments illustrating the functions of the different parts of receiving and transmitting circuits. Prerequisite, *Entrance Physics* or *Physics 1a*. Text: Morecroft, *Elements of Radio Communication*.

2. General Physics.—Lectures, M. W. F. 9:30; laboratory, W. or Th. 1:05–3:30. PROFESSORS PALMER and SUTTON, MR. ELDER and MR. LILJENSTEIN.

Mechanics, heat, sound, magnetism, electricity, and light are studied with the help of problems and lecture demonstrations. A feature of this course is the laboratory work, the chief aim of which is accuracy of observation and measurement. Text: Weld and Palmer, *A Textbook of Modern Physics*. Prerequisites, *Trigonometry*, and *Entrance Physics* or *Physics 1a*.

3. Ions, Electrons, Radiations, and Atomic Structure.—Tu. Th. S. 9:30, first half-year PROFESSOR PALMER, second half-year MR. ELDER.

A large amount of reading supplementary to the lectures is required in the library of reference books. Experiments are performed by the

class as a whole upon such subjects as: measurement of atomic and molecular dimensions, weight, and numbers; magnitude of charge and ratio $E \div M$ for electrolytic ions; $e \div m$ for cathode rays; properties of gaseous ions; measurement of the electronic charge e by Millikan's oil-drop method; current and space charge in an electron tube; photoelectric effect; radiation and ionization potentials; X-ray spectra; rate of decay of thorium emanation, and of the active deposit from radon; counting the alpha particles from a specimen of polonium. Prerequisite, *Physics 2*.

4a. Electricity and Magnetism.—Tu. Th. 10:30; laboratory, Tu. 1:05–3:30, first half-year. MR. ELDER.

Lectures and laboratory experiments in precision electrical measurements. This course treats such topics as Kirchhoff's laws, Gauss's theorem, magnetic circuits, potential, capacity, inductance, alternating current, and the laws of the electromagnetic field. Textbook: Page and Adams, *Principles of Electricity*. Prerequisites, *Physics 2* and *Mathematics 2*.

[Offered in 1938–39; not to be offered in 1939–40.]

5a. Introduction to Mathematical Physics.—Tu. Th. 8:30, W. 11:30, first half-year. MR. ELDER.

Lectures and problems in the underlying principles of mechanics, wave motion, and theory of electric fields, applying the methods of calculus and developing the use of vectors. Textbook: Page, *Introduction to Theoretical Physics*. Prerequisites, *Physics 2* and *Mathematics 2*.

6a. Intermediate Radio Communication.—M. W. F. 10:30; laboratory W. 1:05–3:30. PROFESSOR SUTTON.

Lecture and laboratory course in high frequency transmission and reception. Textbook: Terman, *Radio Engineering*. Prerequisites, *Physics 2* and *Mathematics 2*.

[Not offered in 1938–39; to be offered in 1939–40.]

6b. Radiation and Quantum Theory.—M. W. F. 11:30, second half-year. PROFESSOR SUTTON.

Lectures on topics relating to the laws of radiation. Historical development of the quantum theory and its applications to spectroscopy and atomic structure. Textbook: Richtmyer, *Introduction to Modern Physics*, together with readings from current literature. Prerequisite, *Physics 5a*.

7a. Physical Optics.—Hours to be arranged. PROFESSOR SUTTON.

Lectures and advanced laboratory work in diffraction, dispersion, interference, polarization, and other optical phenomena, extending the treatment given to light in *Physics 2*. Two lectures and one laboratory period a week, first half-year.

[Not offered in 1938–39; to be offered in 1939–40.]

8b. Sound.—M. W. F. 11:30, second half-year. PROFESSOR SUTTON.

A course of lectures, readings and class experiments designed to familiarize the student with recent developments in acoustics. Study is

given to the fundamentals of sound wave propagation, modern electrical and mechanical acoustic systems, architectural acoustics, supersonics, speech and hearing, and the analysis of musical sound. Prerequisite, *Physics 2*.

[Offered in 1938-39; not to be offered in 1939-40.]

10. Physics Seminar.—Hours to be arranged. PROFESSORS PALMER and SUTTON, and MR. ELDER.

Advanced students in physics are encouraged to do individual work in special fields of investigation. Each student devotes the time equivalent to a full course in pursuing comprehensive reading and experimental work on some particular topic. Weekly meetings are held with the members of the department to discuss the progress in each field of investigation, so that each student becomes familiar with other problems than his own. In this course, the accomplishment of scholarly work of a nature preliminary to research work is the basis for awarding credit toward a degree.

SOCIOLOGY

Sociology 1a and *2b* are elective for Sophomores, Juniors and Seniors. Other courses are open to Juniors, Seniors or Graduate Students only. Students planning to major in Sociology are urged to complete as many courses as possible in related fields before their Junior year.

Major Requirements

(For the Class of 1940)

Six half-year courses in Sociology.

Six other half-year courses or their equivalent, chosen from the following: Biology 7, Philosophy 1a, Philosophy 2b, Government 1, Economics 1 and Mathematics 8a, in consultation with the major supervisor.

A four-hour comprehensive examination covering the field of Sociology and related courses.

A three-hour examination, written or oral or both, covering a special field in Sociology chosen by the student.

1a. An Introduction to Sociology.—First half-year. PROFESSOR WATSON.

Section 1.—M. W. F. 9:30.

Section 2.—M. W. F. 11:30.

This course is an introduction to the scientific study of society. Its purpose is to study (1) those social forces and social processes whereby

original nature is transformed into human nature, and (2) a description of the social organization man has evolved and the interaction between it and himself.

2b. Social Problems.—M. W. F. 9:30, second half-year. PROFESSOR WATSON.

A study of (1) the failure of society to provide sound heredity and equal opportunities for all, resulting in such major social problems as poverty, mental disease, neglect of child life, delinquency, and crime; (2) society's resources for solving the foregoing problems; and (3) the methods for dealing adequately with the victims of social maladjustment and the prevention of additional social failures. Prerequisite, *Sociology 1a*.

3b. Problems of the Modern Family.—M. W. F. 11:30, second half-year. PROFESSOR WATSON.

A seminar course on problems of the modern family and education for parenthood. A discussion of relationships of husband-wife; parent-child; and family-community. The emphasis throughout is on factors making for normal family life and successful adjustment thereto. Restricted to a limited number of upper classmen or graduate students. Apply in advance. Prerequisite, *Sociology 1a*.

4a. Industry and Society.—Tu. Th. S. 9:30, first half-year. PROFESSOR WATSON.

A sociological appraisal of modern industrialism. The course includes a detailed study of certain social problems, such as wages, hours of labor, unemployment, and other forms of economic insecurity, to discover, if possible, any causal connection between them and industry as such. The wider implications of the Machine Age are examined, together with proposed antidotes and remedies for its alleged evils. Prerequisite, *Economics 1*.

Also called *Economics 2a*.

5b. Human Relations in Industry.—Tu. Th. S. 9:30, second half-year. PROFESSOR WATSON.

A study of business organization and the philosophy of management, with special reference to the fields of personnel administration and industrial relations. The course surveys scientific management since Taylor and includes an analysis of the nature, objects, and technique of labor management, employee representation, and plans of union-management coöperation. Prerequisite, *Sociology 4a*.

Also called *Economics 3b*.

6a. Advanced Sociology.—Tu. Th. S. 10:30, first half-year. PROFESSOR WATSON.

A seminar in social theory and social reform. Open to Seniors majoring in Sociology or graduate students whose major work is in Sociology and, by permission of the instructor, to a few others especially well qualified. Prerequisites, *Sociology 1a* and *2b*. Apply in advance.

SPANISH

A. Elementary Spanish.—M. W. F. 10:30. MR. MELCHIOR.

Grammar, composition, and reading.

[Not offered in 1938-39; to be offered in 1939-40.]

1. Spanish Literature.—M. W. F. 10:30. MR. MELCHIOR.

Reading in class of selected works by authors of the Golden Age and of the Nineteenth Century. Prerequisite, *Spanish A*.

[Offered in 1938-39; not to be offered in 1939-40.]

LIBRARY

The College Library contains about one hundred forty thousand volumes, besides numerous classified but uncatalogued pamphlets. All readers have free access to the shelves and are permitted to withdraw from the library any volume except those reserved for special reasons.

About eight thousand dollars is expended yearly for the purchase of books and periodicals. The library receives from various sources many substantial gifts and bequests; it is also a government depository.

The collection of Quaker literature is probably the most complete in America. The William H. Jenks collection of Friends' tracts, mostly of the seventeenth century, numbers about fifteen hundred separately bound titles.

The Library possesses the fine Harris collection of over sixty Hebrew, Greek, Latin, Arabic, Syriac, and Ethiopic manuscripts collected by J. Rendel Harris; a collection of more than four hundred Babylonian clay tablets dating from 2500 B.C.; and seven hundred reproductions in fictile ivory of ancient and mediaeval carved ivories.

Over four hundred literary and scientific periodicals are taken, besides many annual reports, yearbooks, and the like.

The Library is open, with some exceptions, on week days from 8:30 A.M. to 10 P.M., and on Sundays from 1:30 to 10 P.M. While designed especially for the use of the officers and students, it affords to others the privilege of consulting and, under certain restrictions, of withdrawing books.

THE CHARLES ROBERTS AUTOGRAPH COLLECTION

This autograph collection, formed by the late Charles Roberts of Philadelphia, a graduate (1864) and for many years a manager of the College, was in 1902 presented to

the College by his wife, Lucy B. Roberts. It consists of more than 15,000 items, embracing not only autograph letters of European and American authors, statesmen, scientists, ecclesiastics, monarchs, and others, but also several series of valuable papers on religious and political history. The general exhibit room, under the care of Miss Anna B. Hewitt, is open daily. Special papers from the vault may be inspected on application to Professor Drake.

LECTURESHIPS

HAVERFORD LIBRARY LECTURES

The income of \$10,000 received in 1894 from the estate of Mary Farnum Brown, is available by the terms of the gift "to provide for an annual course or series of lectures before the Senior Class of the College, and other students, on the Bible, its history and literature, and as way may open for it, upon its doctrine and its teaching."

THOMAS SHIPLEY LECTURES ON ENGLISH LITERATURE

The sum of \$5,000, presented in 1904 by Samuel R. Shipley, in memory of his father, Thomas Shipley, constitutes the Thomas Shipley Fund. The income of this fund is ordinarily to be used "for lectures on English literature."

THE MORRIS INFIRMARY

The Morris Infirmary, presented by John T. Morris, '67, has been in operation since the fall of 1912. It contains ten beds, a surgical room, and isolation ward for contagious diseases, and accommodations for physician and nurse. Every provision has been made for medical and surgical treatment of all cases among students during the college year. The danger of infection through illness in the college dormitories is thus minimized.

No charge is made for dispensary treatments, for the

services of the college physician and the nurse, or for residence in the infirmary not exceeding one week in each case of illness. Any additional medical or surgical service, including special examinations which cannot be made in the infirmary, will be at the expense of the student. For residence in the infirmary beyond the limit of one week the charge is \$3 a day.

Dr. Herbert W. Taylor is the physician in charge, Miss Mabel S. Beard the resident nurse.

CONSULTANTS IN PSYCHOLOGY, PSYCHIATRY AND VOCATIONAL GUIDANCE

Dr. Earl D. Bond and his associates on the staff of The Institute of the Pennsylvania Hospital are available without charge as consultants in Psychology, Psychiatry, and Vocational Guidance, for a limited number of students.

When a thorough study and examination are required, and treatment is necessary, financial arrangements are to be made with the parents and college physician or family physician.

ADMINISTRATION

GRADING OF STUDENTS

In determining the standing of the student, daily recitations, hour examinations, and final examinations are all considered. Reports, with numerical grades and averages, are issued semi-annually.

Grouped according to averages for the semester, the sections in each class are as follows:

Section	Freshmen	All others
A	90 to 100	90 to 100
B	80 to 90	80 to 90
C	65 to 80	70 to 80
D	50 to 65	60 to 70
	Failures	Failures
E	35 to 50	50 to 60
F	Below 35	Below 50

+ or - following the average for the semester indicates that it is above or below the student's average for the preceding semester.

Freshmen are required to obtain a general average for the year of at least 60 for promotion to the Sophomore class; Sophomores, 65 for promotion to the Junior class; Juniors, 70 for promotion to the Senior class; and Seniors, 70 for graduation.

DELINQUENT STUDENTS

A student who obtains grade E (35 to 50 for Freshmen, 50 to 60 for upper-classmen) as his half-year mark in any course is allowed a re-examination in the September following the failure (on the Monday, Tuesday or Wednesday immediately preceding the opening of College). To Seniors who obtain the Grade E (except in the Major examination, see page 35) re-examinations will be given in June during Commencement week. Re-examinations (at a fee of \$5 per half-year course) are scheduled only upon written request received by the Registrar before September 10, upon which date copies of the re-examination schedule will be mailed to all applicants, and after which date additional subjects will be scheduled only upon advance payment of an additional fee of \$10. Late applicants (after September 10) for examinations already scheduled must make an additional advance payment of \$5 per subject before their acceptance as candidates for re-examination. A student who obtains grade F (below 35 for Freshmen, below 50 for others) as his half-year mark in any course is not permitted to take a re-examination in that course.

A student with F as his half-year grade, or with E as his half-year grade in any course after the re-examination privilege has lapsed, must repeat the course if it is a required course (repeated courses take precedence in the case of conflict, and are recorded and averaged in the year of repetition), or may substitute some other course if the failure is an elective course. No course may be repeated more than once; failure to pass a repeated required

course will consequently prevent a student from obtaining his degree.

A fee of \$15 per half-year is charged for all repeated or substituted courses and for any course dropped after two weeks.

A student who is repeating a course, or who is substituting one (unless he has an extra course to his credit), or who has conditions in excess of two half-courses, shall have his name appear in the student list of the current Catalogue marked with an asterisk (*) to indicate that he is not in full class standing.

A Sophomore who fails to attain promotion average (see page 80), and who has not more than two failures, may have the privilege of taking re-examinations in the two half-courses in which he has received the lowest grades, provided that these grades be better than F. A Senior or Junior who fails to attain promotion average (see page 80), and who has not more than one failure, may take a re-examination in the half-course in which he has received the lowest grade, provided that this grade be better than F.

Any student whose record is such as to justify the belief that he is not availing himself of the opportunities offered by Haverford College may be dropped. Usually a student who has more than two half-courses of failures against him at the opening of College in September will be dropped.

HONORS

Honors are awarded for excellence in the studies of single departments. They are never given merely for performance of routine work in courses, but a considerable amount of extra work is demanded in every case.

Honors are of three kinds: *Honorable Mention*, *Sophomore Honors*, and *Final Honors*.

*Honorable Mention** will be awarded at the end of the Freshman or Sophomore years for work in a single course meeting at least two hours per week throughout the year, plus additional work to the total amount of not less than 75 hours. Candidates for Honorable Mention must obtain a minimum grade of 85 in the regular work of the course and pass creditably an examination on the additional work required. Two half-courses in the same department may be construed as a single course.

A Freshman who has received the prescribed grade in the regular work of a course required for Honorable Mention, but who has not done the additional work required in connection with such course, may, with the consent of the professor in charge, do so during the Sophomore year.

Sophomore Honors will be awarded at the end of the Sophomore year for work in not less than two full courses in a single department, plus additional work to the total amount of not less than 150 hours. Candidates for Sophomore Honors must obtain a grade of at least B in all courses required for such honors and a grade of A in such of these courses as are taken in the Sophomore year, and must pass creditably examinations on the additional work required.

Final Honors are graded as Honors, High Honors, or Highest Honors. They will be awarded upon graduation only to students whose work in a major field of concentration has been done with marked distinction and has been more profound or more extensive in its scope than the minimum required. The award of Honors is at the discretion of the major department, but the award of High or Highest Honors is to be made by vote of the Faculty upon recommendation of a department or group of related depart-

* Honorable mention is awarded in Freshman English in connection with the work of the second half-year (English 2b).

ments. In order to receive High or Highest Honors, the student will usually be given a public oral examination, and for Highest Honors, the verdict of an outside examiner may be obtained if deemed desirable. The various departments and divisions will adopt such specifications for Final Honors as they see fit.

At the time of the award of Honors there shall be added to the general average for the year of each student receiving Honors, one-half of one per cent for each award of Honorable Mention or Sophomore Honors. Honors, High Honors, and Highest Honors shall automatically add one, two, and three per cent respectively to the average for the Senior year of each student receiving such award.

DEGREES

BACHELOR OF ARTS AND BACHELOR OF SCIENCE

Students who have received credit for the full number of courses in prescribed and elective studies, provided they have for the Junior and Senior years respectively a general average, for the year, of 70 or above, are granted the degree of Bachelor of Arts or Bachelor of Science. For the difference in the requirements for the two degrees, see page 33. The fee for the Bachelor's degree is \$15.

MASTER OF ARTS AND MASTER OF SCIENCE

Admission to Candidacy.—Graduates of Haverford College or of an institution of equivalent standing, who present satisfactory evidence of character, seriousness of purpose, and scholarly attainments, may be admitted as candidates for the degree of Master of Arts or Master of Science.

Requirements.—A candidate who is well prepared for advanced study in his special field is required to pass four advanced courses (each with a grade of not less than 80)

and to do satisfactory additional intensive work, equivalent at least to a full course, which may take the form of a thesis or other research. At least two of the courses and the additional intensive work must be in the same field and the remaining courses in allied subjects. In addition, the candidate may, at the discretion of the professor in charge, be required to pass a comprehensive examination upon the field of his major subject. The scope of the examination will be determined by the professor in charge, and will be communicated to the candidate when he is admitted as a graduate student. The entire plan of study must be drawn up by the candidate in consultation with the professor under whom he proposes to do the major part of his work. This plan must be submitted for approval before October 1 to the Chairman of the Committee on Advanced Degrees. After approval by this Committee, the program must be filed with the Registrar.

A minimum of one year's residence is required, and a candidate, if well prepared, should be able to complete his work for the degree in this time. If his preparation is inadequate a longer period of residence may be necessary, but candidates for the Master's degree must complete the required work in not more than two academic years. Courses taken before the registration of the candidate as a graduate student at Haverford College will not usually be counted toward the degree.

Candidates who engage in any occupation or employment other than graduate study will not in general be able to satisfy the requirements for the degree in one year.

Charges.—The charges in the Graduate Department are: tuition, \$400; board, \$250; lodging, \$250. The fee for the degree is \$20. Laboratory fees, supplies, breakage, and incidentals are extra.

Fellowships.—Eight graduate fellowships covering tuition, board, and lodging are available annually primarily

for the graduates of other Friends' Colleges in the United States, with permission to study for the Master's Degree in any department of Haverford College which may be selected, provided the proposed schedule of study is approved by the Committee on Advanced Degrees. Any recipient of a graduate fellowship should have additional resources at least in the sum of \$200.

Applications should be accompanied by a certified list of the applicant's courses and grades as an undergraduate, three letters concerning the character, personality, financial condition and qualifications of the applicant, and a copy of the catalogue of the institution in which the applicant was an undergraduate. Applications and material should be in the hands of the President of Haverford College before March 1st to secure consideration for the following year.

Courses Offered.—The following courses are open to graduate students: Astronomy 3*a*, 3*b*, and 4; Biblical Literature 3*a*, 3*b*, 4*b*, 5*b*, 6; Biology 3, 7, 10; Chemistry 4, 5*b*, 6, 7*a*, 7*b*, 8*a*, 9*b*, 10*a* and 10*b*; Economics 2*a*, 3*b*, 4*a*, 5*b*, 6*b*, 7*b*, 8*b*, 9*a*, 10*a*; Engineering 4*a*, 5*a*, 6*b*, 7*a*, 8, 10, 11; English 8*a*, 12, 13*a*, 14*b*, 17*b*, 18*a*, 21*a*, 22*b*; French 4, 5, 6; Geology 1; German 3, 4*a*, 5*a*, 5*b*, 6, 7*b*, 8*a*; Government 3*a*, 4*a*, 5*b*, 6*b*, 8*b*; Greek 2, 3, 4, 5, 6; History 2, 3, 4, 5; Italian 1; Latin 5, 10, 14, 15; Mathematics, 4, 5, 6*a*, 7*b* (Mathematics 3, 8*a*, 9*a* open to students majoring in other departments); Philosophy 2*b*, 4, 5*b*, 6*b*, 7*a*, 7*b*, 8, 9*a*, 10*b*; Physics 3, 4*a*, 5*a*, 6*b*, 7*a*, 8*b*, 10; Sociology 2*b*, 3*b*, 4*a*, 5*b*, 6*a*; Spanish 1. Additional work may be required of graduate students in any of these courses. Certain other courses may be taken by graduate students as subsidiary to their major field of work, with the consent of the Committee on Advanced Degrees and the instructor in charge.

ROOMS

Entering Freshmen are assigned rooms in the order in which their application blanks for admission (see page 24) are received. It is, of course, not always possible to meet the desire of Freshmen for the cheapest rooms. Twelve of the \$725 rooms are regularly reserved for Freshmen. The College assumes that a new student will accept any available room of approximately the same price as the room for which a preference is expressed. The choice of rooms by other students is governed by published rules.

A deposit of \$15 is required of all students, old and new, before a room is reserved. In case the student occupies the room, the amount will be deducted from his bill for the following year; otherwise it will be forfeited, unless the student be *excluded by the College* for failures or other sufficient reason, in which case the fee will be refunded upon request.

Students are expected to treat their own and College property with the same consideration as in their own homes. A student is held financially responsible for any damage to his room, and any damage wilfully done will be sufficient reason for requested withdrawal from the College.

The College does not hold itself responsible for the safe-keeping of private property left by the students in their rooms, or elsewhere on the campus.

EXPENSES

The combined charge for tuition (\$400), board (\$250), and room rent (\$75 to \$200, according to location), varies from \$725 to \$850 a year. This includes heat, electric light, attendance, and the use of necessary bedroom furniture, *i.e.*, a chiffonier and a bed, the linen for which is furnished and laundered by the College. Students will supply their own study furniture, blankets and towels. In general two

students share one study and each has his private bedroom adjoining. A few single rooms are also available. The number of students accommodated in the several halls is as follows:

Merion Hall.....	9 at \$725 each
Merion Hall.....	10 at \$750 each
Merion Hall.....	22 at \$775 each
Founders Hall.....	14 at \$725 each
Founders Hall.....	11 at \$750 each
Founders Hall.....	3 at \$775 each
Founders Hall.....	2 at \$825 each
Barclay Hall.....	30 at \$725 each
Barclay Hall.....	3 at \$750 each
Barclay Hall.....	5 at \$775 each
Barclay Hall.....	24 at \$800 each
Barclay Hall.....	47 at \$825 each
Lloyd Hall.....	66 at \$800 each
Lloyd Hall.....	32 at \$850 each

The charge for tuition of day-students is \$400 a year; for tuition and mid-day meal, \$480 a year. A laboratory fee (average, five to ten dollars per half-year) and the cost of materials consumed and of apparatus broken are charged in each of the laboratories. The fee for dropping a course after two weeks is \$15. The fee for the Bachelor's degree is \$15. For fees in the Graduate Department, see page 85.

The Board of Managers requires that first half-year bills (rendered October 1) for three-fifths of the student's total cash indebtedness for the current year for room, board, and tuition must be paid *in full before* November 1. Second half-year bills (rendered February 1) must be paid *in full before* March 1. Failure to pay within the specified time automatically cancels the student's registration.

SCHOLARSHIPS

Scholarships are of two kinds, competitive, and those awarded upon merit and individual need. All scholarships are given for one year only.

No scholarship will be given to a student who has conditions.

No scholarship will be given to a student who is in debt to the college.

All preliminary correspondence and applications for undergraduate scholarships for 1939-1940, together with supporting letters from parents or guardians should be in the hands of the President before Tuesday, April the 4th, 1939.

It is assumed that requests for scholarships will not be made by those whose expenses can be met by their parents or from other sources.

I. *Corporation Scholarships*.—Sixteen scholarships of the annual value of \$300 each, are awarded, without formal application, to the four students in each class who have the highest average scholarship. This is determined in the case of upper classmen by their general average for the year. In the case of the incoming Freshman Class the scholarships will be assigned immediately after the June examinations (see page 29) to those candidates entering by any plan of admission who are judged to be best prepared to do the work of the College.

II. *Isaiah V. Williamson Scholarships*.—Two scholarships of \$350 each. One will usually be awarded to a Senior and one to a Junior.

III. *Richard T. Jones Scholarship*.—One scholarship of the annual value of \$200.

IV. *Edward Yarnall Scholarship*.—One scholarship of the annual value of \$200.

V. *Thomas P. Cope Scholarship*.—One scholarship of the annual value of \$200.

VI. *Sarah Marshall Scholarship*.—One scholarship of the annual value of \$200.

VII. *Mary M. Johnson Scholarship*.—One scholarship of the annual value of \$200.

VIII. *Joseph E. Gillingham Scholarships*.—Four scholarships of the annual value of \$200 each "for meritorious students."

IX. *Isaac Thorne Johnson Scholarship*.—One scholarship of the annual value of \$225 available for a student of Wilmington College or a member of Wilmington (Ohio) Yearly Meeting of Friends.

X. *Jacob P. Jones Scholarships*, amounting to \$1500 annually. Usually these will be awarded in sums of \$150 each, and in return for them certain academic duties may be required of the beneficiaries.

XI. *Jacob P. Jones Scholarships*.—Eight scholarships of the annual value of \$100 each.

XII. *Caspar Wistar Memorial Scholarship*.—A scholarship of \$250 is annually available, preferably for sons of parents engaged in Christian service, including secretaries of Young Men's Christian Associations, or students desiring to prepare for similar service in America or other countries.

XIII. *Louis Jaquette Palmer Memorial Scholarship*.—This Scholarship of \$250 is awarded on application, preferably to a member of the Freshman Class, who in the opinion of a committee representing the donors and the President of the College shall give evidence of possessing the qualities of leadership and constructive interest in stu-

dent and community welfare which his friends observed in Louis Jaquette Palmer of the Class of 1894.

XIV. *J. Kennedy Moorhouse Memorial Scholarship*, \$300.—Special application should be made for this Scholarship, which is intended for the member of the Freshman Class who shall appear best fitted to uphold at Haverford the standard of character and conduct typified by the late J. Kennedy Moorhouse, of the Class of 1900—"a man modest, loyal, courageous, reverent without sanctimony; a lover of hard play and honest work, a leader in clean and joyous living." Special application for this Scholarship should be made before April 15.

XV. *Paul W. Newhall Memorial Scholarship*.—One scholarship of the annual value of \$200.

XVI. *Robert Martin Zuckert Memorial Scholarship*.—One scholarship of the annual value of \$250, preference to be given to "a native of New York or Connecticut and who now resides in one of those states."

XVII. *Samuel E. Hilles Memorial Scholarship*.—One scholarship of the annual value of \$200.

XVIII. *Class of 1913 Scholarship*.—One scholarship of the annual value of about \$125. Preference is to be given to sons of members of the Class of 1913 who may apply and who meet the usual requirements of the College.

The scholarships named on this and the preceding pages are permanent foundations. In addition, the New York Alumni maintain a scholarship for competition in the New York metropolitan district. The New England Alumni maintain one Freshman scholarship of \$300 to be awarded annually to a New England boy from a New England school. Inquiry regarding these scholarships should be directed to the Secretary of the Alumni Association, Haverford College, Haverford, Pa.

FELLOWSHIPS

The Clementine Cope Fellowship, of the annual value of \$700, may be awarded by the Faculty to the best qualified applicant from the Senior Class. He is required to spend the succeeding year in study at some American or foreign university approved by the Faculty. Applications for the Clementine Cope Fellowship should be in the hands of the President of the College before March 1.

Teaching Fellowships.—With the remaining funds from the Clementine Cope Foundation there may be appointed one or more graduates of Haverford College as Teaching Fellows, with or without specific duties at Haverford College; or a second Cope Fellow may be appointed with a stipend of \$400 or \$500, as the residue of the Fund may permit.

Graduate Fellowships.—For information regarding graduate fellowships, see page 85.

LOAN FUND

A loan fund has been established for deserving students other than members of the Freshman Class who may require financial assistance during their college course. Further information concerning this fund may be obtained from the President of the College.

EMPLOYMENT BUREAU

In connection with the Dean's office there is an Employment Bureau through which students may be put in touch with such kinds of remunerative employment as may be available.

PRIZES

All essays submitted in competition for prizes should be deposited with the Registrar under assumed names, with a sealed envelope containing the writer's real name, *before May 1*.

All prizes awarded in books are marked with appropriate bookplates. As soon as possible after the award a list of standard books, from which selection is to be made, should be submitted for approval to the head of the department awarding the prize. Books selected from the approved list may then be ordered through the College Office or elsewhere. The College grants an average discount of ten per cent on prize books, and supplies the bookplates.

ALUMNI PRIZE FOR COMPOSITION AND ORATORY

The Alumni Association, in the year 1875, established an annual prize of \$50 in money for excellence in composition and oratory. This prize is now divided between the two members of the winning team in the Senior-Junior debate.

THE EVERETT SOCIETY MEDALS

To the members of the winning team in the annual Sophomore-Freshman extemporaneous debate, medals are given in memory of the Everett Society.

THE CLASS OF 1896 PRIZES IN LATIN
AND MATHEMATICS

These are two prizes worth \$10 each. They will be awarded in books at the end of the Sophomore year to the students who have done the best work for the two years in Latin and Mathematics, respectively.

THE LYMAN BEECHER HALL PRIZE IN CHEMISTRY

The Class of 1898 on the twenty-fifth anniversary of their graduation established a prize in honor of Lyman Beecher Hall, Professor of Chemistry at Haverford College from 1880 to 1917.

This prize amounts to \$100 and may be awarded to a student who has attained a high degree of proficiency in chemistry and who shows promise of contributing substantially to the advancement of the science. This prize may be awarded to a Junior, to a Senior, or to a graduate of Haverford College within three years after graduation. It may be awarded more than once to the same student, or may be withheld.

THE CLASS OF 1902 PRIZE IN LATIN

The Class of 1902 offers a prize of \$10 in books to the Freshman whose work in Latin, in recitation and examinations combined, shall be the most satisfactory to the professor in charge of the department.

THE DEPARTMENT PRIZES IN MATHEMATICS

A first prize of \$15 and a second prize of \$10 are awarded on the basis of a three hour examination on selected topics in Freshman Mathematics. The examination is held on the first Monday after the Spring Recess, and is open to Freshmen only.

THE ELLISTON P. MORRIS PRIZE

A prize of \$80, open to all undergraduates and to graduates of not more than three years' standing, is offered in alternate years for the best essay bearing on the general problem of "International Peace and the Means of Securing It." No prize will be awarded unless a high standard of merit is attained. Essays should be deposited with the Registrar before May 1. The judges shall be appointed by

the President of the College. For the 1938-39 competition the following subjects are offered:

1. Modifications of Existing Concepts of Nationalism that May Be Necessary for the Achievement of World Peace.
2. The Prospect for the Conquest of Violence by the Use of Techniques of Non-Cooperation.
3. The Consumers' Cooperative Movement as a Factor in World Peace.

The presentation should be not merely a catalogue of events but also an interpretation and estimate of them. Each essay should contain references, in the form of footnotes and bibliography, to the authorities consulted.

Essays submitted by undergraduates for this prize may also be submitted for the Elizabeth P. Smith Prize.

THE ELIZABETH P. SMITH PRIZE

A prize of \$35 is offered annually to the undergraduate who presents the best essay on international peace. Essays submitted for the Elizabeth P. Smith Prize may also be submitted for the Elliston P. Morris Prize. Essays for this prize should be deposited with the Registrar before May 1. The judges shall be appointed by the President of the College.

PRIZES IN PHILOSOPHY AND BIBLICAL LITERATURE

A prize of \$40 in books will be offered each year to the student who, in the judgment of the professor in charge, does the most satisfactory amount of outside reading in philosophy in connection with the courses in that department. A second prize of \$25 in books will also be offered.

A prize of \$40 in books will be offered each year to the student who, in the judgment of the professor in charge,

does the most satisfactory amount of reading on the Bible and related subjects. A second prize of \$25 in books will also be offered.

These prizes may be competed for during any year of the College course.

THE SCHOLARSHIP IMPROVEMENT PRIZES

A first prize of \$50 and a second prize of \$45 will be given at the end of the Senior year to the two students who, in the opinion of the judges appointed by the President of the College, show the most steady and marked improvement in scholarship during their college course.

THE LOGAN PEARSALL SMITH PRIZE

An annual award of \$50 in books will be made to that member of the Senior Class who, in the opinion of the Committee on Prizes, has the best personal library. Consideration of the books collected will be entirely independent of their cost.

THE FOUNDERS CLUB PRIZE

A prize of \$25 is offered by the Founders Club to the Freshman who is adjudged to have shown the best attitude toward college activities and scholastic work.

THE S. P. LIPPINCOTT PRIZE IN HISTORY

A prize of \$100 is offered for competition in the Department of History under the following general provisions:

First—The prize may be withheld in any year, if the conditions listed below are not met by any of the competitors to the satisfaction of a majority of the judges.

Second—The prize shall not be awarded twice to the same student.

Third—Competition is open to Sophomores, Juniors, and Seniors who have taken or are taking work in the Department of History.

Conditions

In competition for this prize an essay shall be submitted of not less than 5,000 words, offered as evidence of scholarly ability in the collection and presentation of historical material, treating a subject selected from a list announced by the Department of History before November 15. The essay should contain references in footnotes to the authorities consulted and a bibliography of works cited.

The essay shall be typewritten and deposited under an assumed name with the Registrar before May 1.

The judges shall consist of the President of the College and two historians to be selected by him.

For the competition of 1938-39 the following subjects are submitted:

1. English Social Life, 1700-1760.
2. The Relations Between England and Ireland, 1868-1914.
3. The History of the American Merchant Marine from the War of 1812 to the Civil War.
4. The Background and Significance of the Election of Wilson to the Presidency in 1912.

THE NEWTON PRIZE IN ENGLISH LITERATURE

The Newton Prize in English Literature (\$40) will be awarded annually on the basis of Final Honors in English, provided that the Department judges the work of the leading candidate merits such award.

THE WILLIAM ELLIS SCULL PRIZE

The William Ellis Scull Prize (\$50) will be awarded annually to the upper classman who shall have shown the "greatest achievement in voice and the articulation of the English language."

THE GEORGE PEIRCE PRIZE IN CHEMISTRY
OR MATHEMATICS

In memory of Dr. George Peirce, 1903, a prize of \$25 is offered annually to a student of Chemistry or Mathematics "who has shown marked proficiency in either or both of these studies and who intends to follow a profession which calls for such preparation. Preference is to be given to a student who has elected organic chemistry, and failing such a student, to one who has elected Mathematics or some branch of Chemistry other than organic. Should there be two students of equal promise, the one who is proficient in Greek shall be given preference." The prize is offered, however, exclusively for students who expect to engage in research, and it will not be awarded unless the candidate has this expressed intention.

SOCIETIES AND CLUBS

Phi Beta Kappa Society, Zeta Chapter of Pennsylvania, chartered 1898.

Biology Club	Founders Club
Camera Club	German Club
Campus Club	Haverford Night School
Cap and Bells Club	Liberal Club
Chemistry Club	Mathematics Club
Debating Council	Nautical Club
Engineering Club	Radio Club
Evangelical League	Varsity Club
Field Club	

PUBLICATIONS

The Haverford College Bulletin is issued by the College four times in each collegiate year. Included under this title are the Catalogue, College Reports, Athletic Annual, Alumni Quarterly, and other matter.

The Haverford News, a student publication, appears weekly during the Collegiate year. *The Haverfordian*, published by the College, appears twice a year.

DEGREES, PRIZES, AND HONORS GRANTED IN 1937-38

DEGREES

The following degrees were conferred on Commencement Day, June 11, 1938:

DOCTORS OF LAWS

GILBERT BOWLES

Head of Quaker Center, Tokyo, Japan

CHARLES F. JENKINS

President, Board of Managers, Swarthmore College

WILLIAM DRAPER LEWIS, (Haverford, '88)

Professor of Law, University of Pennsylvania

MASTERS OF ARTS

HAY, ALEXANDER HORSFIELD, (A.B., Earlham College, 1937)

Thesis: The Rise of the Pastoral System in the Society of Friends, 1850-1900.

JAGGARD, CEDRIC HOLMAN, (A.B., Dartmouth College, 1937)

Thesis: Francis De Sales on the Education of the Will.

KOHLER, PAUL WILLIAM, (A.B., University of Cincinnati, 1937)

Thesis: The Houses and Public Buildings of Beth Shemesh.

STRATTON, SAMUEL STUDDIFORD, (A.B., Univ. of Rochester, 1937)

Thesis: The Meaning of Justice.

MASTERS OF SCIENCE

PEARSON, FRANK GARDINER, (S.B., Haverford College, 1936)

Thesis: Resonance in Molecules.

SEELY, LESLIE BIRCHARD, JR., (S.B., Haverford College, 1937)

Thesis: Electro-Chemiluminescence of Luminol.

SENENIG, WAYNE, JR., (A.B., Haverford College, 1936)

Thesis: Synthetic Resins.

BACHELORS OF ARTS

CARROLL THORNTON BROWN, JR.	WILLIAM SLOANE KINNEY, JR.
DONALD SMYTHE CHILDS, JR.	WILLIAM BURTT KRIEBEL
ROBERT ALLEN CLEMENT	CLAYTON ERNST RANCK
HENRY BEVERLY COX	LINDLEY B. REAGAN
DWIGHT DENT CURRIE, JR.	TILLMAN KULP SAYLOR, JR.
WILLIAM STUART CURRIE, JR.	TRUMBULL LEE SIMMONS
AUBREY COWTAN DICKSON, JR.	JONATHAN MOWRY STEERE, JR.
WALTER WILLIAM DUFF, JR.	HUBERT RICHIE TAYLOR
CHARLES ROBERTS EBERSOL	IRVING TELLING, JR.
WILLIAM NORMAN FRALEIGH	ROBERT JAY THOMPSON, JR.
ROBERT PETTIBONE GILBERT	LOUIS JAMES VELTE, JR.
JONATHAN EDWARDS GOLDMARK	LAURENCE GODDARD WESSON, JR.
WILLIAM HENRY HAY, II	WHITTEMORE WHITTIER
CHARLES BENTLEY WILSON	

As of 1937

ROBERT CROZER ALEXANDER

BACHELORS OF SCIENCE

ROBERT LOGAN AUCOTT	GEORGE MCCLELLAN MATHUES
LOUIS WHITLEY BAILEY	MALCOLM DANFORTH MCFARLAND
HARRY HAINES BELL	FRANCIS HUSTON MCILVAIN
THOMAS ALONZO BENHAM	CLARKE HARTON MORIAN, JR.
ROBERT MONTGOMERY BIRD, JR.	ELLIOTT HOW MORSE
RICHARD STEARNS BOWMAN	WILLIAM HOOGLAND MYER
ROBERT FRANKLIN BRATTAN, III	LEONARD FOLSOM NORSWORTHY
JOHN THOMPSON CARSON, JR.	DIKRAN STEPAN PADRADOONI
WILLIAM WILKIE CHAMBERS, JR.	GEORGE PEIRCE
WILLIAM HARRINGTON CLARK, JR.	DANIEL SMALL PENSYL
THOMAS NORTON COOK	GEORGE EDWARD POOLE
HERBERT TAITE DARLINGTON, JR.	WILLIAM EDWIN PRINDLE, JR.
VALERY SERGEEVICH DE BEAUSSET	FRANK MCCrackEN RAMSEY, JR.
WILLIAM WORCESTER DORMON	JAMES LAWTHER RICH
SAMUEL ROBERTS EVANS	DANIEL MILLER ROBBINS
JOHN ANDREW EVERT, JR.	LESLIE BARTON SCHRAMM
RODERICK FIRTH	CRAWFORD SENSENIG
JAMES MCCARTNEY GEORGE	PHILIP ROBINSON SHANK
CHESTER RAYMOND HAIG, JR.	CLYDE HAROLD SLEASE
SAMUEL KNOX HARPER	CHARLES FREDERICK SPONSLER, JR.
CHARLES LELAND HARRISON	THOMAS COOPER TATMAN
ANSON ROBERTS HYDE	HUGH KIRK TORRANCE
WENDELL TOWNSEND KERSHNER	WILLIAM MEASON WEBB
LOUIS BERNARD KOHN, II	EDWARD HAMBLETON WELBOURN, JR.
AMOS PATTEN LEIB	EDMUND CULBERTSON WINGERD, JR.
BOYD CONLIN LENTZ	GILBERT CONGDON WOOD
CHARLES HARTSHORNE LIGON	
HENRY CLAY LONGNECKER	
WILLIAM HENRY LUDEN, JR.	

CLEMENTINE COPE FELLOWSHIP FOR 1938-39

JONATHAN EDWARDS GOLDMARK, 1938

CORPORATION SCHOLARSHIPS FOR 1938-39

*Class of 1939*SEYMOUR SYLVESTER ROSEN
JAMES HALL BREADYJOHN MUNROE TINNON
STANLEY KNIGHT COFFMAN, JR.*Class of 1940*ROBERT WILSON McCONNELL, JR. SAMUEL FREDERICK JOHNSON
RICHARD ARMSTRONG POOLE JOHN EDWARD GROSS*Class of 1941*ROBERT BRUCE DICKSON
WILFRED LEE SIMMONSANDREW FRANKLIN INGLIS
EDWARD LOUIS ENGELHARDT*Class of 1942*JAMES NEAL ADDOMS RICHARD WILLITS BROWN
GEORGE McCALL COURTS OULAHAN KENNETH JOSEPH FOREMAN, JR.

PRIZES

*The Alumni Oratorical Prizes (\$25 each) for
Seniors and Juniors have been awarded to*

LOUIS BERNARD KOHN, II, 1938

TILLMAN KULP SAYLOR, JR., 1938

*The Everett Society Medal for Extemporaneous Speaking
by Sophomores and Freshmen has been awarded to*

LEON SOLIS-COHEN, JR., 1941

*Everett Society Trophies for Extemporaneous Speaking by Sophomores
and Freshmen have been awarded to the members
of the winning team*

JAN WINSTON LONG, 1941

LEON SOLIS-COHEN, JR., 1941

MELVIN STEWART-GORDON, 1941

*The Class of 1896 Prizes (\$20 in books) in Latin and in Mathematics
for Sophomores have been awarded as follows:*

Latin (\$10)—JOHN TIERNAN SHARKEY, 1940

Mathematics (\$10)—CHARLES JAMES SWIFT, 1940

*The Lyman Beecher Hall Prize in Chemistry
(\$100 from Endowment by the Class of 1898)
for Juniors, Seniors or Graduates within three years of graduation
who expect to engage in research has been awarded to*

LAURENCE GODDARD WESSON, JR., 1938

*The Class of 1902 Prize in Latin (\$10 in books) for Freshmen
has been awarded to*

THOMAS LITTLE, 1941

*The Mathematics Department Prizes (\$25 for Freshmen) awarded in
competition by examination, have been awarded to*

First Prize (\$15)—ROBERT BRUCE DICKSON, 1941

Second Prize (\$10)—A. HUNT DAVIS, 1941

*The Elizabeth P. Smith Prize (\$35)
for the best essay on International Peace
has been awarded to*

WILLIAM NORMAN FRALEIGH, 1938

The Scholarship Improvement Prizes (\$95) for the two Seniors who have shown the most steady and marked improvement in scholarship during the college course have been awarded as follows:

First Prize (\$50)—WILLIAM HENRY LUDEN, JR., 1938

Second Prize (\$45)—HUGH KIRK TORRANCE, 1938

The Founders Club Prize (\$25 in books) for the Freshman who has shown the best attitude toward college activities and scholastic work has been awarded to

WILFRID LEE SIMMONS, 1941

The George Peirce Memorial Prize in Chemistry or Mathematics (\$25) offered exclusively for students who expect to engage in research has been awarded to

GEORGE PEIRCE, 1938

The Logan Pearsall Smith Prize (\$50 in books) for that member of the Senior Class who, in the opinion of the Committee on Prizes, has the best personal library has been awarded to

RODERICK FIRTH, 1938

Class of 1910 Prize in Poetry (\$25)

First Prize (\$15)—EUGENE EVANS BOTELHO, 1941
"Meditation Before the Blessed Sacrament"

Second Prize (\$10)—JOHN MCELMOYLE FINLEY, 1939
"A Threnody"

The William Ellis Scull Prize (\$50) awarded annually to the upper classman showing the greatest achievement in voice and the articulation of the English Language, has been awarded to

HENRY BEVERLY COX, 1938

Oberlander Trust Prize (Copy of the book "Ecological Animal Geography" by Richard Hesse) to be awarded by the Department of Biology to the best qualified Biology Major has been awarded to

GILBERT CONGDON WOOD, 1938

The Reading Prizes in Biblical Literature (\$65 in books) for Seniors and Juniors have been awarded to

First Prize (\$40)—HAROLD HOLLINGSWORTH MORRIS, JR., 1939

Second Prize (\$25)—NOT AWARDED

HONOR SOCIETIES

The following members of the Class of 1938 have been elected to the Phi Beta Kappa Society:

At the end of the Junior Year

JONATHAN EDWARDS GOLDMARK
LINDLEY B. REAGAN

HARRY HAINES BELL
WILLIAM WORCESTER DORMON

At the end of the Senior Year

AUBREY COWTAN DICKSON, JR.
RODERICK FIRTH
WILLIAM SLOANE KINNEY, JR.

LAURENCE GODDARD WESSON, JR.
JOHN ANDREW EVERT, JR.
CHARLES ROBERTS EBERSOL

WILLIAM HENRY HAY, II

The following Juniors have been elected to the Phi Beta Kappa Society:

SEYMOUR SYLVESTER ROSEN

JAMES HALL BREADY

The following Seniors have been elected to the Founders Club, an organization based on merit in both studies and college activities:

During the Junior Year

CHARLES ROBERTS EBERSOL
JONATHAN EDWARDS GOLDMARK
WHITTEMORE WHITTIER

WILLIAM BURTT KRIEBEL
LINDLEY B. REAGAN

During the Senior Year

ROBERT MONTGOMERY BIRD, JR.
DONALD SMYTHE CHILDS, JR.
SAMUEL ROBERTS EVANS

WILLIAM SLOANE KINNEY, JR.
AMOS PATTEN LEIB
IRVING TELLING, JR.

The following Juniors have been elected to the Founders Club:

JOHN MUNROE TINNON

JOHN JOSEPH JAQUETTE

JAMES HALL BREADY

STEPHEN HOFF THIERMANN

HENRY HOUPTE DERR, III

DANIEL NORTON WILLIAMS

MAURICE ANDERSON WEBSTER, JR.

HONORS

FINAL HONORS

Including Honors, High Honors, and Highest Honors awarded upon graduation, and by vote of the Faculty on recommendation of a department or group of related departments. Awarded only to students whose work has been more profound in a given field, or more extensive in scope, than the minimum required, and who have fulfilled all the requirements for Final Honors in their respective Major Departments.

Highest Honors

HARRY HAINES BELL.....	Economics
JOHN ANDREW EVERT, JR.....	Chemistry
LAURENCE GODDARD WESSON, JR.....	Chemistry

High Honors

ROBERT MONTGOMERY BIRD, JR.....	Chemistry
RODERICK FIRTH.....	French
LINDLEY B. REAGAN.....	Chemistry

Honors

LOUIS WHITLEY BAILEY.....	Engineering
DONALD SMYTHE CHILDS, JR.....	Chemistry
THOMAS NORTON COOK.....	Government
AUBREY COWTAN DICKSON, JR.....	Mathematics
ROBERT PETTIBONE GILBERT.....	Chemistry
BOYD CONLIN LENTZ.....	Mathematics
LOUIS BERNARD KOHN, II.....	Economics
GEORGE MCCLELLAN MATHUES.....	English
WILLIAM HOOGLAND MYER.....	French
FRANCIS HUSTON MCILVAIN.....	Engineering
LEONARD FOLSOM NORSWORTHY.....	Chemistry
DANIEL SMALL PENSYL.....	Engineering
LESLIE BARTON SCHRAMM.....	Engineering
LOUIS JAMES VELTE, JR.....	German

*Sophomore Honors
in Departments*

Representing a minimum of 150 hours of Honors work in addition to that required for two or more scheduled courses of the Department, plus grades of 90 or better, for the present year in the Department indicated.

ROBERT JOSEPH HUNN.....Mathematics
JOHN WILLIAM WIEDER, JR.....Mathematics

*Honorable Mention
in Single Courses in the Freshman or Sophomore Year*

Representing a minimum of 75 hours of Honors work in addition to that required for the course named, plus a grade of 85 or better, in the same course.

DAVID BARRETT ARNOLD, 1941.....French 2
ARTHUR GARWOOD ASHBROOK, JR., 1941...English 2b; Mathematics 1
HENRY DENNIS CORNMAN, 1941.....German 1
A. HUNT DAVIS, 1941.....Mathematics 1
EDWIN SCOTT DAWSON, 1940.....Mathematics 2
ROBERT BRUCE DICKSON, 1941.....Mathematics 1
EDWARD LOUIS ENGELHARDT, 1941.....Chemistry 2; Mathematics 1
ANDREW FRANKLIN INGLIS, 1941.....Chemistry 2
RICHARD EDSON MARSTON, JR., 1941.....English 2b
ROBERT WILSON McCONNELL, JR., 1940.....Government 1
WILLIAM FERRIS McDEVIT, 1940.....Mathematics 2
JOHN REID McNEILL, 1941.....English 2b
RICHARD ARMSTRONG POOLE, 1940.....Government 1
EDWARD RHEINARD SCHEFFER, 1941.....Biology 2
G. RALPH STROHL, JR., 1941.....Mathematics 1
CHARLES JAMES SWIFT, 1940.....Mathematics 2
WILLIAM ELKANAH VELTE, 1941.....German 1
ROY SCHOPPAUL VOGT, 1941.....History 1; German 2

STUDENTS IN THE COLLEGE

In the last column is given the number of the student's dormitory room: Bn is an abbreviation for Barclay Hall, North; Bc, for Barclay Hall, Centre; Bs, for Barclay Hall, South; F, for Founders Hall; G, for Graduate House; L, for Lloyd Hall; M, for Merion Hall; D, for day student. An (*) is placed before the name of a student who has failed to remove a condition after the September opportunity. The field of major concentration is indicated in parentheses.

GRADUATE STUDENTS

Name	Home Address	College Address
BLANC-ROOS, RENÉ.....	(French)	D
	(S.B., Haverford College, 1935)	
	427 Berkeley Road, Haverford, Pa.	
BROOMELL, JOHN P., JR.....	(Philosophy)	D
	(A.B., Earlham College, 1938)	
	20 Cherry Avenue, New Rochelle, N. Y.	
	(Living at Pendle Hill, 1938-39)	
CORNETTE, JAMES CLARKE, JR.....	(German)	G
	(A.B., Guilford College, 1938)	
	1340-13th Avenue, Hickory, N. C.	
HOSKINS, LEWIS MALONEY.....	(History)	G
	(A.B., Pacific College, 1938)	
	915 North Street, Newberg, Ore.	
JONES, THOMAS MARTIN.....	(History)	D
	(A.B., Earlham College, 1938)	
	29 Overhill Place, Yonkers, N. Y.	
	(Living at Pendle Hill, 1938-39)	
LILJENSTEIN, CECIL C.....	(Physics)	F
	(B.S., Middlebury College, 1938)	
	3 Crocker Street, New London, Conn.	
PERISHO, CLARENCE ROBERT.....	(Chemistry)	G
	(B.S., Penn College, 1938)	
	Oskaloosa, Iowa	
RICKS, JAMES HOGE, JR.....	(French)	G
	(A.B., University of Richmond, 1937)	
	1506 Westwood Avenue, Richmond, Va.	
SANDERS, EDWIN ALAN.....	(English)	G
	(A.B., Earlham College, 1938)	
	541 N. South Street, Wilmington, Ohio	
STAFFORD, DAVID BENBOW.....	(Philosophy)	D
	(A.B., Guilford College, 1938)	
	Oak Ridge, N. C.	
	(Living at Pendle Hill, 1938-39)	

Name	Home Address	College Address
WATSON, CURTIS B.....	(English)	D
	(A.B., Brown University, 1938)	
	773 College Avenue, Haverford, Pa.	
WOOD, GILBERT CONGDON	(Biology)	G
	(S.B., Haverford College, 1938)	
	Box 4, Cape Cottage, Me.	

SENIOR CLASS—1939

*ACKERMAN, ROBERT BIRD.....	(Economics)	22 L
	223 Orchard Place, Ridgewood, N. J.	
ALBERT, ALPHEUS HOMER, JR.....	(Government)	13 M
	353 Stockton Street, Hightstown, N. J.	
ARON, JEROME IRWIN.....	(Government)	33 L
	Chateau Crillon, Rittenhouse Square, Philadelphia, Pa.	
BALDERSTON, ROBERT LEVI.....	(Engineering)	16 L
	Colora, Md.	
BIRKINBINE, JOHN LONGCOPE.....	(Economics)	22 L
	1 Lansdowne Court, Lansdowne, Pa.	
BONHAM, WILLIAM SOUDER.....	(Engineering)	37 L
	201 West Commerce Street, Bridgeton, N. J.	
BOWN, GEORGE DE WOLFE.....	(English)	37 Bc
	263 Washington Street, Newton, Mass.	
BREADY, JAMES HALL.....	(History)	9 F
	436 East Barber Avenue, Woodbury, N. J.	
BROWN, FRANCIS GODLEY.....	(Economics)	25 L
	Downingtown, Pa.	
BURNSIDE, ROBERT IRVIN.....	(Economics)	D
	126 S. Franklin Street, Wilkes-Barre, Pa.	
BUSHNELL, CHARLES STONE, JR.....	(Engineering)	42 Bc
	53 Hancock Street, Rochester, N. Y.	
CLADER, STANLEY C.....	(Chemistry)	D
	Apartment D-2, Merion Manor, Merion, Pa.	
COFFMAN, STANLEY KNIGHT, JR.....	(English)	37 Bc
	374 Kendall Place, Columbus, Ohio	
DERR, HENRY HOUP, III.....	(Engineering)	16 L
	346 E. Meehan Street, Germantown, Philadelphia, Pa.	
DOWNING, JOHN WESLEY, JR.....	(History)	42 Bc
	616 Park Avenue, Salisbury, Md.	
EVANS, JONATHAN.....	(Chemistry)	23 L
	Awbury, Germantown, Philadelphia, Pa.	
EVANS, NATHANIEL HATHAWAY.....	(Economics)	19 L
	Awbury, Germantown, Philadelphia, Pa.	
EVANS, WILLIAM ELKINTON.....	(Chemistry)	26 L
	Awbury, Germantown, Philadelphia, Pa.	
*FENHAGEN, JAMES PIERCE.....	(English)	35 L
	916 St. Paul Street, Baltimore, Md.	
*FINLEY, JOHN McELMOYLE.....	(English)	D
	324 Midland Avenue, Wayne, Pa.	
FLICK, JOHN ALBERT.....	(Chemistry)	17 L
	116 East Maple Avenue, Merchantville, N. J.	

Name	Home Address	College Address
GROFF, JOHN CORNELL.....	(Government) 1527 Diamond Street, Philadelphia, Pa.	22 L
HALLAHAN, JOHN DALLAS.....	(Biology) 351 Owen Avenue, Lansdowne, Pa.	30 L
HEILMAN, HARRY ANDERSON, JR.....	(French) 409 North McKean Street, Kittanning, Pa.	14 L
HERR, ROBERT.....	(Physics) 6137 Carpenter Street, Philadelphia, Pa.	1 F
HOYER, JOHN ALBERT.....	(Economics) 6630 North 10th Street, Philadelphia, Pa.	44 Bc
JACKSON, ROBERT LODINGTON.....	(Economics) 3105 Queen Lane, Germantown, Philadelphia, Pa.	19 L
JAQUETTE, JOHN JOSEPH.....	(Economics) 605 Elm Avenue, Swarthmore, Pa.	38 Bc
JONES, HENRY HOWARD.....	(Chemistry) 1408 22nd Avenue, Altoona, Pa.	29 L
LARSON, DOUGLAS MELDAL.....	(Government) 516 9th Avenue, S.E., Minneapolis, Minn.	36 L
LEWIS, JOHN EDWARDS.....	(History) 1502 Pennsylvania Avenue, Wilmington, Del.	14 L
*LEWIS, LEICESTER CROSBY, JR.....	(English) 7737 St. Martin's Lane, Chestnut Hill, Philadelphia, Pa.	12 M
LILLIE, RICHARD HORACE.....	(Chemistry) 6112 W. Washington Boulevard, Wauwatosa, Wis.	27 L
MCCUNE, WILLIAM WALKER.....	(Chemistry) 1830 Converse Street, McKeesport, Pa.	30 L
MEARS, FRANK KENNEDY, JR.....	(Chemistry) 1515 Church Lane, Philadelphia, Pa.	26 L
MERVINE, DONALD SUMNER.....	(Government) 412 S. Main Street, Sheffield, Pa.	14 L
MILLER, CHARLES FREDERICK, II.....	(English) 2033 Willemore Avenue, Springfield, Ill.	12 M
MORRIS, HAROLD HOLLINGSWORTH, JR.....	(Biblical Literature) 99-A Jessfield Road, Shanghai, China	24 L
MOSELEY, ALEXANDER WILLETT, JR.....	(Economics) 333 North Princeton Avenue, Swarthmore, Pa.	29 L
MUNRO, DONALD H.....	(Economics) 711 Knorr Street, Philadelphia, Pa.	3 F
PALMER, LOUIS HENRY, JR.....	(Chemistry) 129 Derwen Road, Bala-Cynwyd, Pa.	D
PEIFER, ROBERT EARL, JR.....	(Economics) 102 North Swarthmore Avenue, Ventnor City, N. J.	108 M
PHILLIPS, HEWES WILSON.....	(English) St. Albans, W. Va.	34 L
RAMBO, OSCAR NAYLOR, JR.....	(Biology) 19 Wiltshire Road, Overbrook, Philadelphia, Pa.	D
RANKIN, CHARLES EWING.....	(Economics) 715 East 20th Street, Chester, Pa.	33 L
REAVES, WILLIAM HOBSON, JR.....	(English) 37 Aberdeen Place, St. Louis, Mo.	35 L
ROBERTS, ALAN Y.....	(French) 39 Forest Street, Newton Highlands, Mass.	10 F

HAVERFORD COLLEGE

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Name	Home Address	College Address
ROHRMAYER, FRANCIS PETER, JR.....	(Chemistry) 66 Whetten Road, West Hartford, Conn.	17 L
ROSEN, SEYMOUR SYLVESTER.....	(Chemistry) 8308-122nd St., Kew Gardens, N. Y.	14 M
SANTER, DANIEL GLEDDEN.....	(Chemistry) 6401 North Santa Monica Blvd., Milwaukee, Wis.	17 L
SHARPE, CRAIG MCCOLL.....	(History) 6015 Wayne Avenue, Philadelphia, Pa.	24 L
SHAW, WINSLOW DRUMMOND.....	(Economics) 907 Grand Avenue, Asbury Park, N. J.	42 Bc
SHIHADAH, THEODORE DAVID, JR.....	(Sociology) 113 Sutton Road, Ardmore, Pa.	38 Bc
SIMONS, LAIRD HARDCASTLE, JR.....	(Economics) 3417 Race Street, Philadelphia, Pa.	38 Bc
STEIGER, THOMAS BOWLES.....	(Government) Mercersburg, Pa.	15 L
SYKES, JOHN MARSHALL.....	(Chemistry) 334 Llandrillo Road, Bala-Cynwyd, Pa.	38 L
TALBOT, GILBERT PARRY.....	(Philosophy) Virginia Avenue and Walnut Street, West Chester, Pa.	10 Bs
THIERMANN, STEPHEN HOFF.....	(English) 3205 North Marietta Avenue, Milwaukee, Wis.	25 L
THOMAS, HOWARD PITNER, JR.....	(Chemistry) 290 East Jefferson Street, Media, Pa.	11 M
TINNON, JOHN MUNROE.....	(Engineering) 610 Forest Avenue, Larchmont, N. Y.	36 L
TRENCH, JOHN PATRICK.....	(Chemistry) 18 Ellicott Place, New Brighton, N. Y.	38 L
WARNER, WILLIAM HAYES GRIER.....	(Government) 2217 Penn Street, Harrisburg, Pa.	15 L
WEBSTER, MAURICE ANDERSON, JR.....	(English) 3827 Oak Road, East Falls, Philadelphia, Pa.	19 L
WERTIME, THEODORE ALLAN.....	(History) R. R. No. 2, Chambersburg, Pa.	17 M
WHITE, ROBERT MANSON.....	(Biology) China Council Office, 169 Yuen Ming Yuen Road, Shanghai, China	14 F
WHITSON, ROBERT OLIVER.....	(Chemistry) 2124 Quinby Rd., Houston, Texas	43 Bc
WILLIAMS, DANIEL NORTON.....	(Economics) 380 North Main Street, Wallingford, Conn.	23 L
WILSON, JOHN FRENCH, JR.....	(Sociology) 13610 Larchmere Boulevard, Cleveland, Ohio	27 L
WINGERD, JOSEPH COLEMAN.....	(Government) Edgar Avenue, Kenwood, Chambersburg, Pa.	44 Bc
WITHERS, SAMUEL CLAYTON, JR.....	(Philosophy) Livingston Avenue, Dobbs Ferry, N. Y.	7 M
YOST, RUSSELL RAYMOND.....	(Physics) Menohar Highway, Johnstown, Pa.	14 M

JUNIOR CLASS—1940

Name	Home Address	College Address
ALLEN, ERNEST GRIFFIN.....	(Greek) 3345 Woodland Avenue, Philadelphia, Pa.	D
ALLEN, GEORGE RANKIN.....	(Latin) 3345 Woodland Avenue, Philadelphia, Pa.	D
ANDERTON, BRUCE DOUGLAS.....	(Mathematics) 726 Washington Street, Whitman, Mass.	15 M
ATKINSON, HORACE CONRAD.....	(French) Wrightstown, Bucks County, Pa.	41 Bc
BALIVET, HENRI PHILLIP, JR.....	(English) 384 N. Fullerton Avenue, Montclair, N. J.	7 L
BAUM, CHESTER EARLE, JR.....	(English) Delaware City, Del.	6 L
BEELE, RICHARD WILLIAM.....	(Mathematics) 34 Harvard Road, Brookline, Pa.	120 M
BEERS, STEWART LORING.....	(English) 123 Union St., Bridgewater, Mass.	D
BROWN, ARTHUR ELLIS.....	(Chemistry) 226 Dickinson Avenue, Swarthmore, Pa.	17 F
CARROLL, BENJAMIN EDWARD.....	(Engineering) Conowingo, Md.	16 L
CH'EN, FRANCIS J.....	(Economics) 35 Nathan Road, Hongkong, China	4 Bs
COURSIN, DAVID BAIRD.....	(Chemistry) 1608 Lawndale Avenue, McKeesport, Pa.	68 Bn
DARNELL, EMERSON LIPPINCOTT.....	(Government) 40 N. Main Street, Medford, N. J.	5 L
DAWSON, EDWIN SCOTT.....	(Engineering) 4517 Garfield St., N. W., Washington, D. C.	72 Bn
DEWEES, ROBERT LOVETT.....	(Chemistry) Sweetwater Farm, Glen Mills, Pa.	12 L
DUNCAN, JOHN ALLEN.....	(Government) 4 Mentelle Park, Lexington, Ky.	19 Bs
DYE, STANLEY MARVIN.....	(Government) 320 Berkeley Street, Rochester, N. Y.	7 L
FISHER, CHARLES WORLEY.....	(English) 26 Llandillo Road, Llanerch, Pa.	15 L
FLACCUS, DAVID PERRY.....	(Government) 109 Bryn Mawr Avenue, Lansdowne, Pa.	120 M
FLEISCHMAN, STEPHEN WILLIAM.....	(English) 3 Highland Court, Far Rockaway, L. I., N. Y.	4 F
FORCE, ROY WARREN.....	(Chemistry) General Greene Farms, R. F. D. 3, West Chester, Pa.	D
GOEPP, ROBERT HAMILTON.....	(History) 4047 Pine Street, Philadelphia, Pa.	D
GOODYEAR, HARRY JOHN, JR.....	(Economics) 911 Eldridge Avenue, West Collingswood, N. J.	44 Bc
GROSS, JOHN EDWARD.....	(Economics) Fort Belvoir, Va.	22 Bs
HALSEY, WILLIAM DARRACH, JR.....	(English) 44 Westland Avenue, West Hartford, Conn.	5 F

Name	Home Address	College Address
HENDERSON, HANFORD MEAD, JR.....	(French) 82 Washington Place, New York, N. Y.	11 F
HERING, ALEXANDER CHANDLEE.....	(English) Hillbrook, Lawrence Farms South, Mount Kisco, N. Y.	12 L
HOFFMAN, JOHN THOMAS.....	(Economics) 218 Sinclair Place, Westfield, N. J.	13 F
HOYT, HAMILTON TAYLOR.....	(Government) 2428 E. Linwood Avenue, Milwaukee, Wis.	11 L
HUNN, ROBERT JOSEPH.....	(Mathematics) 5034 41st St., N. W., Washington, D. C.	16 F
JANNEY, LEWIS LAMAR.....	(Philosophy) Hollins College, Va.	68 Bn
JOHNSON, SAMUEL FREDERICK.....	(English) 508 Brookline Boulevard, Brookline, Upper Darby, Pa.	D
KOHN, EDWARD IRVING.....	(Government) 3415 Clarks Lane, Baltimore, Md.	11 L
LEWIS, FIELD ALLEN.....	(Government) Holiday Hill, R. D. 2, Newtown, Bucks Co., Pa.	120 M
LINDLEY, JOHN MARSHALL, JR.....	(Economics) 52 Garden Road, Wellesley Hills, Mass.	6 L
MAGILL, ARTHUR ANDREWS.....	(Physics) 117 Carpenter Lane, Mt. Airy, Philadelphia, Pa.	18 L
MASON, ELLIOTT.....	(Chemistry) 640 Rahway Road, Westfield, N. J.	15 F
MASON, HAYDEN.....	(French) 640 Rahway Road, Westfield, N. J.	41 Bc
MASSEY, PARKE DUNCAN.....	(Government) 12 W. 15th St., New York, N. Y.	101 M
*MAULE, SAMUEL GEORGE MORTON.....	(Engineering) 605 Gulph Road, Bryn Mawr, Pa.	28 L
McCONNELL, ROBERT WILSON, JR.....	(Government) 1221 Wakeling Street, Frankford, Philadelphia, Pa.	8 L
McDEVIT, WILLIAM FERRIS.....	(Chemistry) 185 Forest Avenue, Tompkinsville, N. Y.	23 Bs
MECHLING, JAMES ELLIOTT.....	(Economics) Riverton Road, Moorestown, N. J.	5 L
PETERS, CHARLES K., JR.....	(History) 134 S. Lansdowne Avenue, Lansdowne, Pa.	8 L
POOLE, RICHARD ARMSTRONG.....	(Government) 12 Hobart Avenue, Summit, N. J.	8 L
*PRESCOTT, KENNETH ADAMS.....	(Philosophy) 32 School Street, Sanford, Me.	120 M
RAIRDON, CHARLES THOMAS.....	(Chemistry) 3772 Beechway Boulevard, Toledo, Ohio	12 L
REICHEL, ANDRE WLADIMIR.....	(Engineering) 51 Ontario Road, Bellerose, L. I., N. Y.	6 M
ROWLAND, PAUL CHARLES.....	(Economics) Columbia, Conn.	32 L
*SCHAEFFER, ROBERT L., JR.....	(Biology) 32 N. 8th Street, Allentown, Pa.	22 Bs
SHARKEY, JOHN TIERNAN.....	(Economics) 230 South 21st Street, Philadelphia, Pa.	D

Name	Home Address	College Address
SIMPSON, JOHN CHRISTOPHER, JR.	920 Swede Street, Norristown, Pa.	(English) 7 L
SPAULDING, ROBERT EUGENE	379 Meadowbrook Avenue, Ridgewood, N. J.	(History) 37 L
STEEL, MAXWELL WENSEL	226 Penn Street, Huntingdon, Pa.	(Biology) 43 Bc
SWIFT, CHARLES JAMES	1111 Bancroft Parkway, Wilmington, Del.	(Engineering) 18 F
TAFT, THOMAS MELVILLE	Cornwall-on-Hudson, N. Y.	(Government) 6 L
TOUSEY, THOMAS GRANT, JR.	Carlisle Barracks, Carlisle, Pa.	(Sociology) 31 L
VINCENT, JAMES ALEXANDER	1 Glover Street, Barton, Vt.	(History) 4 M
WIEDER, JOHN WILLIAM, JR.	19 Guernsey Avenue, Abington, Pa.	(Mathematics) 20 F
WILLIAMS, ROBERT THOMAS	Germantown Pike, Plymouth Meeting, Pa.	(French) D
WILSON, DAVID RYDER	212 E. 48th Street, New York, N. Y.	(English) 19 F
WOLFINGER, CHARLES HOBSON	Curren Terrace, Norristown, Pa.	(Economics) D
WOOD, JAMES WILLIAM, JR.	803 E. 20th Street, Chester, Pa.	(French) 28 L

SOPHOMORE CLASS—1941

ADLER, FRANCIS ERDMAN	Huron Lane, Chestnut Hill, Philadelphia, Pa.	D
ALLINSON, EDWARD PAGE, JR.	Town's End Farm, West Chester, Pa.	7 F
ANDRUS, STEPHEN BOURNE	1903 Girard Avenue, South, Minneapolis, Minn.	69 Bn
ARNOLD, DAVID BARRETT	128 Bard Avenue, West Brighton, S. I., N. Y.	39 Bc
ARTHUR, ROBERT PALMER	637 Walnut Street, McKeesport, Pa.	2 Bs
ASHBROOK, ARTHUR GARWOOD, JR.	88 Admiral Dewey Avenue, Ingram, Crafton P. O., Pa.	12 F
BLACKWELL, HAROLD RICHARD	108 Pinehurst Avenue, Salisbury, Md.	17 Bs
BLUM, HOWARD LOURIA	885 Park Avenue, New York, N. Y.	20 L
BOLSTER, RICHARD HAWKS, II	Littlebrook Road, Berwyn, Pa.	D
*BOTELHO, EUGENE EVANS	19 Louella Court, Wayne, Pa.	D
BOYER, DANIEL B., JR.	Boyertown, Pennsylvania	3 L
BRANSON, ALBERT DELANO	167 Owen Avenue, Lansdowne, Pa.	36 Bc

HAVERFORD COLLEGE

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Name	Home Address	College Address
*BUTTRICK, JOHN ARTHUR.....	960 Park Avenue, New York, N. Y.	62 Bn
CHAMBERS, TORRENCE HARRISON.....	116 Ardmore Avenue, Ardmore, Pa.	D
CHAMBLISS, DAVID JOHNSON.....	Lookout Mountain, Tennessee	3 L
CHAPPELL, SAMUEL M.....	6401 N. Santa Monica Blvd., Milwaukee, Wis.	1 L
CHESTNUT, DAVID THOMAS.....	659 Rector Street, Roxborough, Philadelphia, Pa.	D
*CLARK, JOHN BURT.....	4638 S. Fremont Avenue, Minneapolis, Minn.	64 Bn
CLEMENT, HERBERT LEE.....	342 E. Hortter Street, Philadelphia, Pa.	D
COLBERT, WILLIAM HOWARD.....	223 W. Pearl Street, Butler, Pa.	32 L
CORNMAN, HENRY DENNIS.....	Conshohocken State Rd. and Greaves Lane, Gladwyne, Pa.	D
DAVIS, A. HUNT.....	1412 20th Street, Rock Island, Ill.	21 F
DICKSON, ROBERT BRUCE.....	908 Andrews Avenue, Collingdale, Pa.	D
DORSEY, JOHN WORTHINGTON.....	36 Huffman Avenue, Washington, Pa.	31 Bc
DOWNES, THOMAS MCKEAN.....	Mt. Pleasant Road, Bryn Mawr, Pa.	18 Bs
ELLIOTT, HERSCHEL HUGH.....	106 State Street, Westport, Conn.	115 M
ENGELHARDT, EDWARD LOUIS.....	100 Maple Avenue, Narberth, Pa.	D
EVANS, CHRISTOPHER.....	6014 Chew Street, Philadelphia, Pa.	18 L
EVANS, ROBERT WHITESIDE, JR.....	239 Walnut Street, Pottstown, Pa.	21 Bs
EVERT, ROBERT NASH.....	Northern Pacific Hospital, Glendive, Mont.	35 Bc
EWING, GERRITT LOOS.....	Fair Haven Road, Fair Haven, N. J.	66 Bn
FINGER, LOUIS JUDAH.....	2305 Harrison Street, Wilmington, Del.	111 M
FOLWELL, ROBERT COOK, 3D.....	Mullica Hill, N. J.	3 H.U.
GARMEY, JOHN DAVID.....	7614 Colonial Road, Brooklyn, N. Y.	31 Bc
GIFFORD, PHILIP COLLINS, JR.....	468 Hope Street, Providence, R. I.	8 F
GROSHOLZ, EDWIN DEHAVEN.....	112 Schoolhouse Lane, Ardmore, Pa.	D
*GUENTHER, JACOB JARDEN, JR.....	510 N. Chester Road, Swarthmore, Pa.	20 L
HARRISON, PAUL FRANKLIN.....	94 Bayview Avenue, Port Washington, N. Y.	54 Bn

Name	Home Address	College Address
*HASTINGS, FRANK WILLARD	45 E. Church Road, Elkins Park, Pa.	22 F
HAWLEY, JOHN CHADWICK	American Consular Service, Oporto, Portugal	1 L
HECHT, ROBERT EMANUEL, JR.	3505 Calvert Street, Baltimore, Md.	3 Bs
HEMPHILL, GEOFFREY	243 N. Mountain Avenue, Upper Montclair, N. J.	34 Bc
HIBBARD, JOHN BARR	1816 Chicago Avenue, Evanston, Ill.	24 Bs
HICKS, GORDON DEPENCIER	160 Highland Avenue, Middletown, N. Y.	112 M
HOLMES, HENRY KELMAN	3430 81st Street, Jackson Heights, N. Y.	2 F
INGLIS, ANDREW FRANKLIN	Pellston, Mich.	21 F
KENT, ROGER BETTS	1904 Lauderdale Road, Louisville, Ky.	8 F
KING, BENTON DAVIS	357 Sylvan Street, Rutherford, N. J.	67 Bn
LIDDELL, WILLIAM ANDREW, JR.	225 Dawson Ave., Boonton, N. J.	32 Bc
LITTLE, THOMAS	Ashburnham, Mass.	33 Bc
LONG, JAN WINSTON	433 W. 21st Street, New York, N. Y.	36 Bc
*LOWE, DONALD BLAIR, JR.	1156 W. Exchange, Akron, Ohio	31 L
MARSTON, RICHARD EDSON, JR.	108 Wyndmoor Road, Manoa, Pa.	D
*MCNEILL, JOHN REID	239 W. 8th Street, Erie, Pa.	110 M
MILLER, WILLIAM KELLER	2033 Willemore Avenue, Springfield, Ill.	71 Bn
MORIAN, TUCKER FRAZER	506 Anthwyn Road, Merion, Pa.	30 F
MOSELEY, MERRITT WAYNE	333 North Princeton Avenue, Swarthmore, Pa.	58 Bn
MURPHY, SAMUEL MILLARD, JR.	29 Bellair Driveway, Dobbs Ferry, N. Y.	35 Bc
NAPIER, ARTHUR HOWELL, JR.	503 E. Willow Grove Avenue, Chestnut Hill, Philadelphia, Pa.	66 Bn
NEAL, J. PHILIP	106 N. 34th Street, Philadelphia, Pa.	23 F
NEWHALL, WILLIAM FREEMAN	36 Tenmore Road, Haverford, Pa.	D
NICHOLS, CLYDE KINGSLEY, JR.	County Street, Rehoboth, Mass.	D
ORTON, MAURICE AMOR	53 Harrison Avenue, Northampton, Mass.	109 M

HAVERFORD COLLEGE

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Name	Home Address	College Address
PILE, WILSON HUNT.....	622 S. 42nd Street, Philadelphia, Pa.	20 Bs
SCHEFFER, EDWARD REINHARD.....	2508 E. Stratford Court, Milwaukee, Wis.	21 Bs
*SHOEMAKER, DAVID WILSON.....	510 Riverview Road, Swarthmore, Pa.	25 Bc
SIMMONS, WILFRID LEE.....	Box 10, Hebron, N. H.	25 Bc
SMITH, HENRY AUGUSTINE, JR.....	26 Rockledge Road, Newton Highlands, Mass.	23 Bs
SMITH, MALCOLM KINMONTH, JR.....	22 Madison Avenue, Morristown, N. J.	6 M
SMITH, ROBERT HENRY.....	14901 Lake Avenue, Lakewood, Ohio	69 Bn
SNIPES, SAMUEL MOON.....	Lincoln Highway, Morrisville, Pa.	30 F
SOLIS-COHEN, LEON, JR.....	906 69th Avenue, Philadelphia, Pa.	70 Bn
STANTON, WILLIAM WHITFIELD.....	2946 Berkley Road, Ardmore, Pa.	D
STEWART-GORDON, MELVIN.....	403 W. 115th Street, New York, N. Y.	33 Bc
STROHL, G. RALPH, JR.....	24 E. Clearfield Road, Oakmont, Upper Darby, Pa.	D
STUART, HARRY HARLAN.....	161 N. June Street, Los Angeles, Calif.	32 Bc
SUTTON, GEORGE COOKE.....	830 Ridge Terrace, Evanston, Ill.	24 Bs
*SWAN, GEORGE MYRON, JR.....	1325 Inverness Street, Pittsburgh, Pa.	1 L
SWIGERT, JOHN BRUCE.....	123 Lafayette Avenue, Haddonfield, N. J.	D
THALHEIMER, HERBERT R.....	5603 Roxbury Place, Baltimore, Md.	63 Bn
VELTE, WILLIAM ELKANAH.....	340 W. 7th Street, Chester, Pa.	22 F
VOGT, ROY SCHOPPAUL.....	90 Prospect Hill Avenue, Summit, N. J.	39 Bc
WAGNER, LANSING PRAY.....	108 Holden Green, Cambridge, Mass.	6 F
WATSON, WILLIAM ROBERTSON, JR.....	Avon Road, Bryn Mawr, Pa.	7 F
WEBB, JOHN LONGANECKER, JR.....	500 Baird Road, Merion, Pa.	30 F
WEYERBACHER, KENNETH WILLIAM.....	20 Degonia Road, Boonville, Ind.	29 Bc
*WILLIS, JAMES MOORE.....	109 Hudson Terrace, Yonkers, N. Y.	34 L
WINSLOW, ROBERT GAREY.....	Tome Hill, Port Deposit, Md.	29 Bc
WRIGHT, KENNETH ALDRO.....	2134 Wyoming Avenue, N. W., Washington, D. C.	67 Bn

Name	Home Address	College Address
*YOUNGQUIST, JOHN	1809 Fremont Avenue, South, Minneapolis, Minn.	5 L
ZIEGLER, HOWARD EDWARD, JR.	2 Cedar Lane, Merion, Pa.	D

FRESHMAN CLASS—1942

ABBOTT, CHARLES CONRAD	R. D. 2, Bristol, Pa.	9 L
ADDOMS, JAMES NEAL	864 Park Place, Brooklyn, N. Y.	9 L
ALDRIDGE, GEORGE LEWIS	401 Stiles Avenue, Maple Shade, N. J.	61 Bn
ANDERSON, WARREN DEWITT	537 45th Street, Brooklyn, N. Y.	103 M
BAUER, RICHARD DEMME	Alden Park Manor, Philadelphia, Pa.	10 L
BEDROSSIAN, E. HOWARD	531 Foss Avenue, Drexel Hill, Pa.	D
BELL, EDGAR DAWSON, JR.	Clearvue Road, Ingomar, Pa.	16 Bs
BOYSEN, ALFRED CHARLES, JR.	25 Tyson Avenue, Glenside, Pa.	D
BRODHEAD, BICKLEY BURNS	340 W. State Street, Media, Pa.	16 Bs
BROUS, NORMAN SCATTERGOOD	254 High Street, Germantown, Philadelphia, Pa.	52 Bn
BROWN, KNOX	404 S. Linden Ave., Pittsburgh, Pa.	7 Bs
BROWN, RICHARD WILLITS	Downingtown, Pa.	59 Bn
BURFORD, NOBLE, JR.	42 Hill Road, Louisville, Ky.	60 Bn
CADBURY, THOMAS LLOYD	12 High Street, Moorestown, N. J.	102 M
CHILDS, ELEAZER EDWARDS	8 Brattle Road, Syracuse, N. Y.	60 Bn
CLARK, JOHN ARTHUR	250 N. Mountain Avenue, Montclair, N. J.	26 Bc
COCHRAN, THOMAS CUNNINGHAM, JR.	206 S. Pitt Street, Mercer, Pa.	1 Bs
CRAWFORD, JOHN AVERY	651 Chestnut Street, Meadville, Pa.	13 Bs
DORIAN, ALAN LLOYD	7101 Hampden Lane, Bethesda, Md.	10 L
DUNHAM, ROBERT WILMER	6863 N. 19th Street, Philadelphia, Pa.	7 Bs
DYE, ROY AUGUSTUS, JR.	111 Milton Street, Aliquippa, Pa.	107 M
ELLIOTT, JOHN YOUNG	27 Tyson Avenue, Glenside, Pa.	28 Bc

HAVERFORD COLLEGE

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Name	Home Address	College Address
EMERY, DAVID AMOS.....	919 Creston Avenue, Des Moines, Iowa	4 L
EVANS, ARTHUR.....	Awbury, Germantown, Philadelphia, Pa.	11 Bs
FALCONER, WALTER CROSS.....	170 Pine Street, East Aurora, N. Y.	50 Bn
FALES, DAVID, III.....	1629 P Street, N. W., Washington, D. C.	59 Bn
FARQUHAR, JOHN DENNEY.....	602 Second Street, California, Pa.	1 M
FLACCUS, EDWARD.....	109 Bryn Mawr Avenue, Lansdowne, Pa.	13 L
FLICK, JOHN BERNARD, JR.....	629 Gulph Road, Bryn Mawr, Pa.	D
FOREMAN, KENNETH JOSEPH, JR.....	Davidson, N. C.	3 M
FOX, DAVID SHARPLESS.....	5617 Dorchester Avenue, Chicago, Ill.	26 Bc
FRANZEN, WOLFGANG.....	35 Hamilton Place, New York City, N. Y.	105 M
FRAZIER, JOHN JORY.....	14 West Avenue, Bridgeton, N. J.	30 Bc
FUST, JOHN ABERCROMBIE.....	231 W. 7th Street, Erie, Pa.	10 L
GARY, JAMES FREDRICK.....	300 Yale Avenue, Swarthmore, Pa.	116 M
GOMEZ, MANUEL JOSEPH.....	6106 Callowhill Street, Philadelphia, Pa.	D
GRIER, LOUIS NORMAN, JR.....	6931 Church Avenue, Ben Avon, Pittsburgh, Pa.	13 L
HAIGHT, JAMES RALPH, JR.....	631 Ellet Street, Philadelphia, Pa.	8 M
HAMBIDGE, GOVE, JR.....	310 Rosemary Street, Chevy Chase, Md.	28 Bc
HARPER, HEBER REECE.....	223 Dalzell Avenue, Ben Avon, Pittsburgh, Pa.	12 Bs
HAUGHTON, ANSON BALDWIN.....	Radnor, Pa.	D
HAWORTH, TIMOTHY PEYTON.....	Brookside Road, Wallingford, Pa.	2 L
HOWE, GORDON WALTER.....	7 Crandall Street, Adams, Mass.	21 L
JOHNSTON, FRANK DALLAS.....	1432 Columbus Avenue, Pittsburgh, Pa.	8 Bs
JOHNSTONE, HENRY WEBB, JR.....	Delwick Lane, Short Hills, N. J.	5 Bs
JONES, THOMAS CANBY.....	1033 17th Avenue, N., Nashville, Tenn.	2 L
KAY, RICHARD.....	600 W. Olney Avenue, Philadelphia, Pa.	9 L
KING, LOWELL.....	Silvermine Road, New Canaan, Conn.	21 L

Name	Home Address	College Address
KIRKPATRICK, MALCOM SUYDAM	Forsgate Drive, Jamesbury, N. J.	52 Bn
LAWRENCE, LINWOOD THEODORE, JR.	210 W. Mt. Pleasant Avenue, Philadelphia, Pa.	30 Bc
LEWIS, GEORGE CAMPBELL, JR.	812 Summit Grove Avenue, Bryn Mawr, Pa.	D
LODGE, CHARLES HENRY	59 Montclair Avenue, Montclair, N. J.	3 L
MAGILL, JAMES PHINEAS, 2ND	117 Carpenter Lane, Mt. Airy, Philadelphia, Pa.	4 L
MAYER, PHILIP EMIL MOULTON	The Lodge, Harefield, Middlesex, England	9 Bs
MAYER, RICHARD ROWLANDS	176 W. Main Street, Newark, Del.	8 Bs
MCCULLOCH, SAMUEL COLIN	1466 Harbert Avenue, Memphis, Tenn.	51 Bn
MCGANN, MALCOLM HOBART, JR.	62 King Street, Reading, Mass.	2 M
MCLELLAN, PHILIP FLETCHER	Woodside Cottage, Haverford, Pa.	D
MELDRUM, WILLIAM BUELL, JR.	747 College Avenue, Haverford, Pa.	D
MILLER, ROBERT EVERTS, JR.	2033 Willemore Avenue, Springfield, Ill.	61 Bn
MINOR, PHILIP LOCKWOOD	202 Main Street, Westport, Conn.	113 M
O'CONNOR, PAUL RADELL	2629 N. Maryland, Milwaukee, Wis.	14 Bs
OLSON, CHARLES ALEXANDER, JR.	301 E. 21st Street, New York, N. Y.	4 L
OULAHAN, GEORGE MCCALL COURTS	1518 31st Street, N. W., Washington, D. C.	15 Bs
PATTON, ROBERT TRIPLE	41 Llanfair Road, Ardmore, Pa.	D
POOLE, DAVID MANCHESTER	12 Hobart Avenue, Summit, N. J.	14 Bs
POTTER, RICHARD JACKSON	2011 Greenberry Road, Baltimore, Md.	51 Bn
RATCLIFFE, JOHN NIELSEN	Danefort, High View, Pinner, Middlesex, England	6 Bs
REED, KARL GARDENER	113 Llanfair Road, Ardmore, Pa.	D
RHODIN, THOR N., JR.	543 E. 9th Street, Brooklyn, N. Y.	9 M
ROBERTS, KENNETH STOKES	201 Chestnut Street, Moorestown, N. J.	21 L
SAXER, LEWIS PAUL	4631 Lancaster Avenue, Philadelphia, Pa.	D
SCHAEFFER, CHARLES DAVID	30 N. 8th Street, Allentown, Pa.	55 Bn

HAVERFORD COLLEGE

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Name	Home Address	College Address
SENSENI, DAVID MARTIN.....	309 Bangor Road, Bala-Cynwyd, Pa.	D
SMILEY, LUCIUS GEROW.....	Mohonk Lake, N. Y.	6 Bs
SPAULDING, DONALD CHAPMAN.....	18 N. 23rd Street, Camp Hill, Pa.	50 Bn
STARR, ROBERT WALTER, 3RD.....	124 Decatur Street, Cape May, N. J.	8 M
STEPTOE, ROBERT MASON.....	Shepherdstown, W. Va.	5 Bs
STRAUSBAUGH, ROBERT NELSON.....	2679 W. Broad Street, Columbus, Ohio	15 Bs
SWEETSER, FRANKLIN PRATT.....	408 Merion Place, Merion, Pa.	13 Bs
SZERLIP, EUGENE POOLE.....	43 Shephard Avenue, Newark, N. J.	56 Bn
THOMPSON, DAVID CLARK.....	51 Church St. East, Bloomfield, N. J.	2 L
THOMSON, JOHN DARSIE.....	5850 Fifth Avenue, Pittsburgh, Pa.	53 Bn
TROUT, EDGAR EVERT.....	511 Woodland Court, Wayne, Pa.	13 L
WARNER, GEORGE THOMAS.....	4037 Michigan Ave., Kansas City, Mo.	D
WEAVER, DANCY GRAY.....	124 Linwood Avenue, Ardmore, Pa.	D
WILKIE, JOHN BALL.....	Milton, N. Y.	5 M
WISE, JOHN HICE.....	21 S. 26th Street, Camp Hill, Pa.	106 M
WORRALL, WINFIELD SCOTT.....	Newtown Square, Pa.	114 M

SUMMARY

Graduate Students.....	12
Seniors.....	71
Juniors.....	63
Sophomores.....	91
Freshmen.....	89
TOTAL.....	326

FACULTY, OFFICERS, ETC.

Name	Address (Haverford unless otherwise noted)	Telephone (Ardmore Exchange unless otherwise noted)
Allendoerfer, Carl B.....	Apt. B-201, Shirley Court, Upper Darby, Pa.....	Boulevard 1307 J
Babbitt, Dr. James A.....	Tunbridge and Blakely Rds.....	50
Barrett, Don C.....	5 College Circle.....	454
Bernheimer, Richard M.....	616 Walnut Lane.....	1536 M
Brown, Henry Tatnall, Jr.....	1 College Lane.....	1222
Bushnell, Joseph, 3rd.....	3019 Midvale Ave., Philadelphia Germantown	0665
Cadbury, William Edward, Jr.....	Graduate House.....	1779 W
Chase, O. M.....	Founders Hall, East.....	564
Clement, Charles A.....	Founders Hall, East.....	564
Clement, Wilmer B.....	Founders Hall, East.....	564
Comfort, Howard.....	3 College Circle.....	3732
Comfort, William W.....	South Walton Road.....	455
Cook, Thomas N.....	King of Prussia, Pa. Bridgeport R.F.D. 2.....	Norristown 320 R-5
Drake, Thomas E.....	2 Pennstone Road, Bryn Mawr Bryn Mawr	1534
Dunn, Emmett R.....	748 Rugby Road, Haverford Bryn Mawr	2662
Elder, Joseph D.....	c/o R. Sutton, 785 College Ave... Boulevard, Brookline, Upper Darby	203 W
Evans, Arlington.....	324 P. O., Pa.....	Hilltop 2043 J
Fetter, Frank Whitson.....	Waterloo Road, Berwyn, Pa. Berwyn	133 J
FitzGerald, Alan S.....	Warwick Rd. & Cotswood Lane, Wynnewood, Pa.....	1404
Flight, J. W.....	753 College Avenue.....	4409 W
French, Bruce H.....	1228 Grenox Rd., Wynnewood, Pa.....	1292
Gentle, James.....	6th & Walnut Sts., (Philadelphia) Lom.	7300
Gummere, Henry V.....	Apt. B-207, Shirley Court, Upper Darby, Pa.....	Boulevard 1307 W
Haddleton, A. W.....	29 Tenmore Road.....	Bryn Mawr 1235 W
Henry, H. K.....	1464 Drayton Lane, Penn Wynne, Pa...	1254 M
Herndon, John G., Jr.....	2 College Lane.....	364
Hetzel, Theodore B.....	768 College Avenue.....	4393 W
Holmes, Clayton W.....	3 College Lane.....	195 W
†Hotson, J. Leslie.....	3 College Circle.....	4656
Hubler, Edward.....	Whitehall, 410 Lancaster Ave....	3160
Johnston, Robert J.....	Woodside Cottage.....	1402 W
Jones, Rufus M.....	2 College Circle.....	2777
Jones, Thomas O.....	Founders Hall, East.....	564
Kelly, John A.....	Founders Hall, East.....	4160
Kelly, Thomas R.....	791 College Avenue.....	203 R
Liljenstein, Cecil C.....	Founders Hall, East.....	564
*Lockwood, Dean P.....	6 College Circle.....	1402 J
Lunt, William E.....	5 College Lane.....	1507 W
MacIntosh, Archibald.....	830 Buck Lane.....	961 J
Melchior, Montfort V.....	129 Radnor St., Bryn Mawr, Pa. Bryn Mawr	1315
Meldrum, William B.....	747 College Avenue.....	881 J
Montgomery, George.....	6124 Columbia Ave., Overbrook, Pa. Greenwood	7811
Oakley, Cletus O.....	Featherbed Lane.....	3109 W
**Palmer, Frederic, Jr.....	7 College Lane.....	97 R
Pfund, Harry W.....	3 College Lane.....	5532
Post, L. Arnold.....	9 College Lane.....	258 M
Pratt, Henry S.....	4 College Circle.....	870 J
Randall, Roy E.....	3 College Lane.....	195 J
Rantz, J. Otto.....	2122 Chestnut Ave., Ardmore, Pa.....	

* Absent on leave, first term, 1938-39.

** Absent on leave, second term, 1938-39.

† Absent on leave, 1938-39.

Reitzel, William A.....	637	Walnut Lane.....	4185	W
Rittenhouse, Leon H.....	6	College Lane.....	791	J
Snyder, Edward D.....	36	Railroad Avenue.....	712	
Steere, Douglas V.....	739	College Avenue.....	162	J
*Sutton, Richard M.....	785	College Ave., facing Walton Rd...	203	W
Swann, Alfred J.....	21	Oberlin Avenue, Swarthmore Pa.		
		Swarthmore	661	
Taylor, Dr. Herbert W.....	457	Lancaster Avenue.....	2383	
Teaf, Howard Morris, Jr.....	207	W. Plumstead Avenue, Lans-		
		downe, Pa.....	Madison 4297	J
Walton, Francis R.....	417	Anthwyn Road, Merion, Pa.		
		Narberth	2464	
Watson, Curtis B.....	773	College Avenue.....	2937	
Watson, Frank D.....	773	College Avenue.....	2937	
Williamson, Alexander Jardine.....	4	College Lane.....	4023	
Wills, William Mintzer.....	342	Merion Road, Merion, Pa.		
		Merion	521	
Wilson, Albert H.....	765	College Avenue.....	1853	

COLLEGE OFFICE AND BUILDING TELEPHONES*

Alumni Office, Joseph Bushnell, 3rd, Secretary, Haverford Union	4338
Barclay Hall, North.....	439
Barclay Hall, South.....	2993
Barclay Hall, Centre.....	68
Business Office, O. M. Chase, Bursar.....	221
Dean, H. Tatnall Brown, Jr.....	1441
Dean of Freshmen in Charge of Admissions, A. MacIntosh....	1441
Founders Hall, East.....	564
Founders Hall, Dormitory.....	1939
Founders Hall, Kitchen.....	2991
Graduate House.....	2195
Gymnasium.....	754
Haverford News.....	4827
Hilles Laboratory of Applied Science (Engineering).....	1670
Library.....	767
Lloyd Hall, Rooms 5-12.....	1444
Lloyd Hall, Rooms 13-22.....	1427
Lloyd Hall, Rooms 23-38.....	2981
Lyman Beecher Hall Chemistry Laboratory.....	387
Merion Hall.....	267
Merion Hall Annex.....	
Morris Infirmary.....	763
President, W. W. Comfort.....	221
Power House.....	988
Publications Office, W. M. Wills, Director.....	3061
Research Laboratory, A. S. FitzGerald.....	5092
Sharpless Hall (Physics and Biology).....	950
Skating Pond.....	389
Steward, Charles A. Clement.....	2942
Supt. of Buildings and Grounds, R. J. Johnston.....	2942

* Ardmore Exchange.

GENERAL ALUMNI ASSOCIATION OF
HAVERFORD COLLEGE

President

THOMAS WISTAR, '98

166 W. School Lane, Germantown, Philadelphia, Pa.

Vice-Presidents

HOWARD BURTT, '08

Packard Building, Philadelphia, Pa.

HAROLD EVANS, '07

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Secretary

JOSEPH BUSHNELL, 3rd, '08

Haverford College, Haverford, Pa.

Treasurer

JOHN C. LOBER, '27

Packard Building, Philadelphia, Pa.

Haverford Club of Philadelphia

1607 Moravian St., Philadelphia, Pa.

President.....W. Nelson West, 3rd, '24
Vice-President.....M. Alexander Laverty, '17
Secretary.....William Morris Maier, '31
Treasurer.....John C. Lober, '27

Haverford Society of New England

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Vice-President.....	CHARLES T. COTTRELL, '90 53 State St., Boston, Mass.
Vice-President.....	PAUL JONES, '05 96 Beulah St., Whitman, Mass.
Secretary.....	RICHARD N. JANNEY, '22 22 Dwhinda Rd., Waban, Mass.
Treasurer.....	WESTON HOWLAND, '17 77 Franklin St., Boston, Mass.

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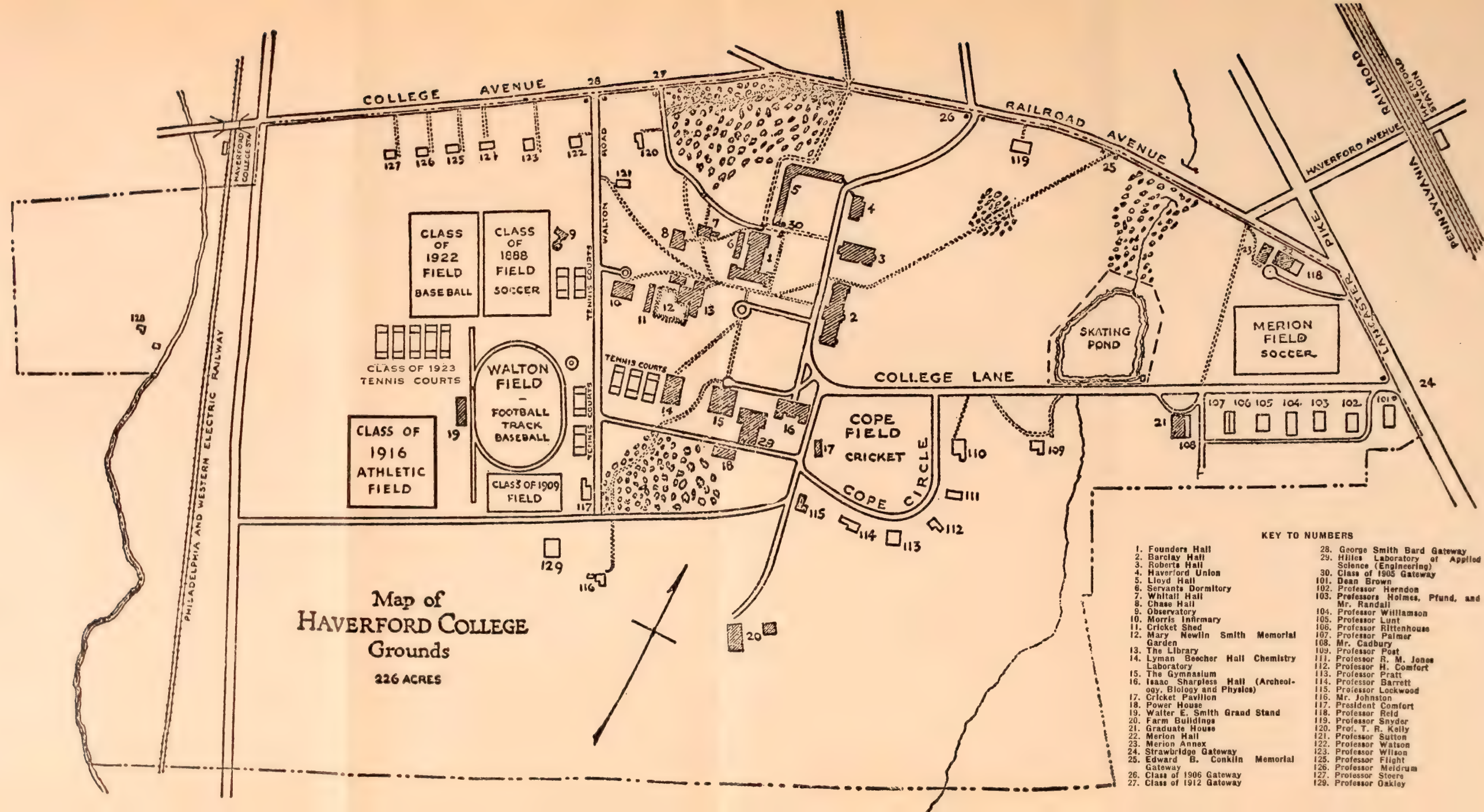
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| 2. Barclay Hall | 29. Hilles Laboratory of Applied Science (Engineering) |
| 3. Roberts Hall | 30. Class of 1905 Gateway |
| 4. Haverford Union | 101. Dean Brown |
| 5. Lloyd Hall | 102. Professor Herndon |
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HAVERFORD COLLEGE
BULLETIN

VOL. XXXVII TWELFTH MONTH, 1938

No. 3

**Reports of the President of the College
and Treasurer of the Corporation
1937-38**



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THE CORPORATION
OF
HAVERFORD COLLEGE

REPORTS OF
PRESIDENT OF THE COLLEGE
TREASURER OF THE CORPORATION

PRESENTED AT THE ANNUAL MEETING
TENTH MONTH 11, 1938

HAVERFORD, PA.

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1938-39

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PROFESSORS MELDRUM, H. COMFORT, MR. HENRY AND MR. RANDALL

PRESIDENT'S REPORT 1937-38

The college year 1938-39 has opened with an attendance of 327, 315 being undergraduates and 12 being graduate students. There are 90 freshmen entering from 59 different schools, of which 31 are private and 28 are public, a total of 51 students from private and 39 from public schools. Of the freshmen, 70 are sons of college men and 20 of non-college men; 51 are sons of professional men and 31 of business men; the fathers of 2 are retired and the fathers of 6 are not living. 40 students in the college are sons of Haverfordians. In the student body 29 states are represented and 4 foreign countries as follows:

California	1	New York	37
Connecticut	8	North Carolina	3
Delaware	5	Ohio	7
District of Columbia	5	Oregon	1
Illinois	7	Pennsylvania	152
Indiana	1	Rhode Island	1
Iowa	2	Tennessee	3
Kentucky	3	Texas	1
Maine	2	Vermont	1
Maryland	12	Virginia	3
Massachusetts	12	West Virginia	2
Michigan	1	Wisconsin	7
Minnesota	4		
Missouri	2	China	3
Montana	1	England	2
New Hampshire	1	Germany	1
New Jersey	36	Portugal	1

Ten years ago, in 1928-29, 19 states were represented and 7 foreign countries. In that same year 164 students of the total registration of 299, or 55%, came from Pennsylvania; this year only 46% of 327 live in Pennsylvania.

The religious census of the student body is as follows:

Episcopal	80
Presbyterian	78
Society of Friends	47

PRESIDENT'S REPORT

Methodist	23	
Congregational	15	
Baptist	13	
Roman Catholic	12	
Lutheran	9	
Christian Science	8	
Jewish	8	
Reformed	4	
Unitarian	4	
Church of England	2	
United Presbyterian	2	
Brethren	1	
Dutch Reformed	1	
Greek Orthodox	1	
	<hr/>	
Total Undergraduates		315
Society of Friends	8	
Congregational	1	
Episcopal	1	
Methodist	1	
Presbyterian	1	
	<hr/>	
Total Graduate Students		12

For historical purposes it is interesting to note the number of students registered for the first term of 1938-39 in the different departments of instruction:

Art	15
Astronomy	24
Biblical Literature	22
Biology	101
Chemistry	154
Economics	157
Engineering	61
English Language and Literature	222
French	111
German	127
Government	85
Greek	13
History	100
Italian	4
Latin	37
Mathematics	130
Music	20
Philosophy	121
Physics	52
Sociology	96
Spanish	11

PRESIDENT'S REPORT

The steadily increasing territory represented by our students is to be noted. It may be that we are thus laying the foundation for a broader national influence in the future than has been exerted in the past. There are excellent schools in the midwestern states which Dean MacIntosh annually visits, from which we now have a small but steady stream of applicants. Where the entering class is so small as at Haverford, the addition of every such source is interesting to us and is at once felt.

Concerning the personnel of the Faculty, the following movements may be recorded: On sabbatic leave, Professor Hotson is absent for the year and Professors Lockwood and Sutton for the first term; returned for this year after absence are Professors Palmer, Lunt and Pfund. Those teaching here for the first time this year are Dr. Edward Hubler, a member of the Faculty of Princeton University, in English for the first term; Dr. Carl B. Alenderfer '32, who took a First as a Rhodes Scholar, is appointed Instructor in Mathematics; Dr. Francis R. Walton '32, who after two years as Fellow at the American Academy in Rome and graduate study at Harvard, will teach Latin and Greek. Retiring this year is Elihu Grant after twenty-one years of service in the department of Biblical Literature; Henry V. Gummere retires from the Mathematics Department, but will continue his invaluable service to the College as Director of the Strawbridge Observatory in charge of the course in Astronomy; Oscar M. Chase has been relieved at his request of his duties as Registrar, but will continue his service in a financial capacity.

A college like Haverford must be on its guard against over-extension of its plant and personnel in a time of such economic and social uncertainty as the present. It would require very little disturbance to embarrass us seriously in the financial field. Happily, our debt is negligible at the present time, due to the cooperation of the Faculty in taking reduced salaries during the worst of recent years, of the Alumni who have contributed \$75,000, of the Carnegie Foundation which has contributed \$20,000 for debt reduction to date, and of the patrons of the College who have paid an increased tuition fee. This fee has now reached the sum of \$400 for tuition alone, and is as high as I should like to see it rise. Those enthusiastic persons who are always ready to suggest some new attractive but expensive enterprise at the College must remember that without new funds little

PRESIDENT'S REPORT

more can be accomplished. The student body cannot well yield more income than at present, and the income from endowment under present economic conditions is falling rather than mounting. Expenses must be cut or endowment increased, unless we are prepared to roll up a corporation debt. While so many other institutions in our country are cheerfully incurring debts which will never be paid, it has seemed to me that we could set a praiseworthy example of decency and thrift by living within our means, and to that purpose I have devoted myself for several years.

It has been gratifying to receive during the year a number of gifts, some of which have been for specific purposes. Some of these as reported by the Treasurer are as follows: the Centenary Fund received a total of \$7,700 which has been applied to overcome the deficit for the fiscal year 1937-38; from Professor Elihu Grant, \$2,000 for the Beth Shemesh Exploration Fund; from the Class of 1918, \$1,753, from which a portrait of the late Professor Rayner W. Kelsey by the artist Molarsky has been painted for the College, and the balance of the fund devoted to endowment for the Library; \$1,000 from Leonard L. Greff, of Baltimore, to establish an endowment fund in the name of his two sons who are graduates of the College; from Edward M. Wistar '72, \$2,500 for general endowment; from Harry M. Zuckert, of New York, \$2,000 additional for the Robert Martin Zuckert Memorial Scholarship; from the Class of 1888, \$5,250 and books for the Library endowment. These and other good-will offerings and contributions for special purposes are here gratefully acknowledged.

Any mention of finances brings us to the question of the future existence of a college like this—a college so conscious of a distinct purpose and which has sought for over a century to fulfil this purpose in its own unhampered fashion. Most of us agree upon the expediency of maintaining Haverford as a small college for exacting students, with a distinct moral purpose and with close relations provided between teachers and taught. That is, we believe in an education requiring the most expensive system possible, for which we must be prepared to pay. Some may not realize what dangers threaten the future existence of the small privately—and often inadequately—endowed colleges in America. At the last meeting of the Association of College Presidents of Pennsylvania, President Stanford, of Villanova College, made an impressive address in reference to present and future dangers.

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What he said was briefly summarized by him as follows: "In the first place, there are increasing governmental subsidies to State institutions of higher learning to an extent that will encourage these institutions to duplicate or replace the facilities already afforded by privately supported colleges and universities. Secondly, there are evidences of Federal and State encroachments in the field of the voluntary accrediting agencies. Finally, there are threats of taxation against privately supported institutions of higher learning." These dangers may never have to be met. But we are going toward them, and it is well for intelligent voters and college men to take account of them as state and national debts are allowed to rise.

The Superintendent of Grounds and Buildings has kept the college property in the usual good condition. The lighting of the Library has been greatly improved; one room of the Union has been given as an office for the Secretary of the Alumni Association; the Alumni room in Founders Hall has been handsomely furnished as an undergraduate recreation room with funds received from a number of individuals as well as from the Class of 1938; the biological museum on the third floor of Sharpless Hall has been fitted up as a laboratory, and the museum installed in the corresponding room on the second floor; the usual painting and redecorating of buildings in rotation has been done this summer, but with much less expense for dormitory repairs than was required a few years ago when students were not so considerate of college property; the roof of the Gymnasium required extensive repairs against leakage around the skylights; the Strawbridge Observatory has been repaired and some new apparatus has been secured for it. The turf on the athletic fields is in such beautiful condition when college opens that it seems to be almost a pity to tear it up!

The College has for the present year assumed responsibility for the salary of all coaches of athletic sports, including fencing, wrestling and tennis. The erection of the new ice-skating rink upon ground formerly belonging to the College has furnished an opportunity to skate all through the winter for a number of our students. A period of one afternoon each week was subscribed for in conjunction with Bryn Mawr College.

For several years there has been a growing interest among the undergraduates in art and music. The interest in the history

PRESIDENT'S REPORT

and appreciation of music has been partially satisfied by Mr. Swann's course. The past year there was added a course on the history and appreciation of art given by Dr. Richard Bernheimer, who also lectures at Bryn Mawr. It is hoped that in the near future it may be possible to carry further this instruction and even to foster more personal participation in the exercise of these arts as a recreation. Professor Williamson and some of his associates astonished the community by arranging two art exhibitions—one of work by students and others on the campus, and a second of work by former students, such as Maxfield Parrish, Peter Hurd and Stephen Etnier. Both exhibitions attracted a gratifying attendance, and at the second a number of sales were effected.

The following lectures outside of the regular course have been given during the year:

"The History of a Famous Arithmetical Problem," by Professor Albert H. Wilson. Tenth Month 19, 1937

"William Penn in Germany," by Dr. Alfons Paquet. Tenth Month 20, 1937

"Poetry and the Poor," by Robert Frost. Tenth Month 25, 1937

"The Micro-Vivarium," by Dr. George Roemmert. Tenth Month 26, 1937

"The Operations of the Pan-American Airways in the Pacific," by William M. Masland. Tenth Month 27, 1937

"Z.D. Shell-Roof Construction," by H. M. Swope. Eleventh Month 17, 1937

"The Social Aspects of Music," by Dr. Edward J. Dent. Eleventh Month 22, 1937

"Personnel Management," by R. S. Driver. Eleventh Month 23, 1937

"Problems of Democracy in Czechoslovakia," by Charles R. Toothaker. Twelfth Month 1, 1937

"Fluid Mechanics," by Dr. Winston R. New. Twelfth Month 13, 1937

"The Novelist versus the Dramatist," by Thornton Wilder. First Month 11, 1938

"Heart of Spain," by Henry Hart and Dr. Herman Gold. First Month 17, 1938

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- "Abundance and Reactions of Hydrogen and Oxygen Isotypes,"
by Dr. Thomas O. Jones. First Month 17, 1938
- "Natural History Work in Haiti," by W. Stephen Thomas.
First Month 18, 1938
- "The Chemistry of Rhenium," by Dr. Loren C. Hurd.
Second Month 8, 1938
- "Kodachrome," by Dr. Theodore B. Hetzel.
Second Month 10, 1938
- "A Differential Equation Machine," by Dr. J. Howard Red-
field. Second Month 22, 1938
- "High Pressure Pumps and Other Engineering Problems," by
George H. Wood. Second Month 23, 1938
- "The Implications of Christianity in Japan," by Dr. Gilbert
Bowles. Third Month 7, 1938
- "Democracy in the Three Great Republics," by Dr. Frank W.
Fetter. Third Month 7, 1938
- "Nature from Yellowstone Park to Alaska," by Edward Wool-
man. Third Month 8, 1938
- "The Crossroads Experiment," by Donald B. Watt.
Third Month 15, 1938
- "The Seeing Eye," by Morris S. Frank. Third Month 24, 1938
- "The Properties of Waves," by Dr. H. K. Schilling.
Fourth Month 4, 1938
- "Sweden through the Artist's Eye," by Dr. Christian Brinton.
Fourth Month 18, 1938
- "A Naturalist in Panama," by Professor Emmett R. Dunn.
Fourth Month 19, 1938
- "Print Composition," by A. E. Pennington.
Fourth Month 21, 1938
- "Saturated Reactances," by Alan S. FitzGerald.
Fourth Month 21, 1938
- "The Chemistry of Neurology," by Dr. Richard Masland.
Fourth Month 26, 1938
- Peace Demonstration addressed by Dr. T. S. Anderson and
E. Raymond Wilson. Fourth Month 27, 1938
- "Organization and Functions of the Federal Bureau of the
Budget," by Paul N. Peck. Fifth Month 2, 1938
- Meeting of the Philadelphia Society of the Archæological In-
stitute of America addressed by Donald Horton and Professors

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Roland Kent, James A. Montgomery and Valentine Mueller.

Fifth Month 4, 1938

"Electro-Organic Chemistry," by Dr. Ralph K. McKee.

Fifth Month 12, 1938

"Student Conditions in China Today," by Dr. Joseph Beech.

Fifth Month 12, 1938

"Whittier and His Philadelphia Friends of 1938," by T. Franklin Currier, and "Facts about the Quaker Poet," by Dr. Edward D. Snyder.

Fifth Month 17, 1938

"Youth Hostels," by Archibald Stark.

Fifth Month 18, 1938

Commencement exercises in Roberts Hall, with an address by Felix Morley.

Sixth Month 11, 1938

Debates:

Resolved, That the United States should abandon the policy of neutrality. Affirmative, Haverford; negative, Swarthmore. (Radio debate.)

Eleventh Month 22, 1937

Resolved, That the Social Security Act as passed by Congress in 1935 is against the best interests of the citizens of the United States. Affirmative, Williams; negative, Haverford.

Second Month 12, 1938

Resolved, That the nations should agree to prevent the international shipment of arms and munitions. Affirmative, Swarthmore; negative, Haverford Freshmen.

Second Month 15, 1938

Resolved, That the National Labor Relations Board be empowered to enforce arbitration of all industrial disputes. Affirmative, Haverford; negative, Princeton.

Second Month 15, 1938

Resolved, That the National Labor Relations Board be empowered to enforce arbitration of all industrial disputes. Affirmative, University of Pennsylvania; negative, Haverford.

Second Month 17, 1938

Resolved, That the several states should enact legislation providing for a system of free medical care available to all citizens at public expense. Affirmative, Haverford Freshmen; negative, Princeton Freshmen.

Second Month 22, 1938

Resolved, That the only solution of the problem of the American farmer is some form of subsidy by the Federal Government. Affirmative, Hamilton; negative, Haverford.

Second Month 23, 1938

Resolved, That the United States should abandon her policy of

HAVERFORD COLLEGE

neutrality in international relations. Affirmative, Haverford; negative, Williams. Second Month 24, 1938

Resolved, That the National Labor Relations Board should be empowered to enforce arbitration of all industrial disputes. Affirmative, Haverford; negative, Amherst.

Second Month 25, 1938

Resolved, That a popular referendum should precede a Federal decision concerning the entrance of the United States into war, except in case of foreign invasion. Affirmative, Haverford Freshmen; negative, Drexel Freshmen. Third Month 8, 1938

Resolved, That Congress should adopt a permanent policy of Federal aid to education. Affirmative, Swarthmore women; negative, Haverford. Third Month 10, 1938

Resolved, That Congress should adopt a permanent policy of Federal aid to education. Affirmative, Haverford Freshmen; negative, University of Pennsylvania Freshmen.

Third Month 15, 1938

Resolved, That Congress shall adopt the Ludlow Amendment. Affirmative, Lafayette; negative, Haverford.

Third Month 17, 1938

Resolved, That Japan is justified in intervening in China. Affirmative, Lincoln; negative, Haverford.

Third Month 21, 1938

Resolved, That the only solution of the problem of the American farmer is some form of subsidy by the Federal Government. Affirmative, Haverford; negative, Franklin and Marshall.

Third Month 24, 1938

Resolved, That the nations should agree to prohibit the shipment of arms and munitions. Affirmative, Villanova Freshmen; negative, Haverford Freshmen.

Fourth Month 7, 1938

Resolved, That the United States should abandon its present policy of neutrality. Affirmative, Haverford Class of 1939; negative, Haverford Class of 1938.

Fifth Month 4, 1938

Freshman-Sophomore Public Speaking Contest.

Fifth Month 4, 1938

LIBRARIAN'S REPORT

All the activities of the Library are still conditioned by the inadequacy of the building and by the cramped quarters available for readers and for the staff. Under present conditions no amount of contriving can produce any more shelf-space, work-space, or reading-space. The next moves will have to be revolutionary—and, I hope, temporary: shelf-space will have to be gained by building a gallery in the south wing and by finding a larger storeroom for rarely used sets; and reading-space will have to be gained by making more use of department libraries. Increase of space for staff-work seems to be impossible. Meanwhile the new building remains a hope, but the hope seems to have drawn nearer and to have become more tangible through the decision of the Managers to abandon the expensive project for a new structure of imposing dimensions and to incorporate the old building in a new plan. This decision has already had the happy result of opening the way for certain permanent and immediate improvements in the old building. The first of these improvements was carried out during the summer; the lighting system was completely reorganized in accordance with the latest modern standards—an improvement not dictated by a desire for luxury, but necessitated by the steady increase in the number of books and readers. The next improvements that should be considered are the heating, the ventilation, and the construction of an adequate and dignified entrance to the old building.

During the past year the librarian has revised and roughly classified the collection of duplicates and discards, thus paving the way for the more careful disposal thereof through exchange, donations and possibly sale—though the profitable sale of a few odd duplicates by a college library is almost out of the question, requiring (as it does) business acumen and considerable clerical routine. The two departments of duplicates for which we have, so to speak, a permanent and natural outlet on the exchange basis are Quakeriana and Haverfordiana. The Quakeriana are being efficiently handled by Professor Drake; and the librarian has undertaken to keep the Haverfordiana in order and to supply them to other libraries on an exchange basis when requested.

The work with the Haverfordiana duplicates led the librarian to revise the original or main collections as well. These collections in the main library are now in good condition, and as soon as adequate quarters are provided in the new building, an interesting selection of documents and publications, illustrating the history and growth of the college, can be put on exhibition without delay. May I again urge alumni (if any read this report) to donate to the library old catalogues, reports, student publications, or other items of interest.

During the past year an unusual use was made of a manuscript classified under Haverfordiana, namely, the graduation thesis for the B.S. degree in engineering of Willard Everett Swift, ex-1903, entitled "A labor-saving device, to be constructed for the purpose of feeding automatically envelopes into clasp machinery." The thesis was loaned

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to the Massachusetts Court as evidence in a suit for patent rights. The deciding factor was its *dated* blue-print.

Although a record of inter-library loans is included in the statistical portion of this report, special mention should be made (for the edification of scholars here and elsewhere) of the librarian's search for a rare Italian publication of the eighteenth century. The Union Catalogues of the Library of Congress and of Philadelphia revealed no copies of the book in the United States. The next move was to inquire of the Bibliographical Bureau in Berlin. A copy was fortunately located in the Prussian State Library. When a request was made for information about the publication and for certain photostats, the Prussian Library suggested that the book be mailed to Haverford on inter-library loan. The cost was negligible. The librarian hereby expresses his thanks to the authorities of the Prussian State Library for their kindly cooperation.

At the time of writing this report the librarian has made a bibliographical tour of Lombardy and Tuscany and is once more sniffing the ancient atmosphere of the Vatican Library.

Datum Romæ Idibus Octobr.

DEAN P. LOCKWOOD,
Librarian.

The total number of volumes in the library at the close of August, 1938, was 141,143. During the past year 3,090 volumes were added; 1,481 by purchase, 1,372 by gift, and 237 sent by the United States government for the Government Depository Collection, besides numerous pamphlets filed in our government pamphlet collection. 183 books were discarded.

The numerous gifts which we have received from friends of the college, from students and faculty members, as well as from learned societies and other organizations, have been most acceptable. Some of the larger gifts are evidence of increasing interest in Haverford's excellent Quaker collection. The following are outstanding:

From Friends' World Conference	85 volumes
From the family of James W. Cromwell.....	63 volumes
From the Harold Peirce estate	60 volumes
From Nancy Morris Wood	60 volumes
From the estate of Amelia M. Gummere	58 volumes
From Frederick S. Bigelow	44 volumes
From John C. Lober	38 volumes
From John L. Nickalls	34 volumes
From Susan J. Dewees	33 volumes
From S. B. Coggeshall	29 volumes
From Christian Brinton	22 volumes
From Caroline Allinson	20 volumes
From Alan S. FitzGerald	19 volumes

The circulation of the library books from the main building was 23,816. Of this number, 3,546 were loaned to professors, 15,505 to

LIBARIAN'S REPORT

students, and 4,765 to borrowers not connected with the college. In addition to these numbers, many books were borrowed from the five departmental libraries in other buildings. Also, "reserved books" for special courses were in constant use in the library.

The inter-library loan department is active and efficient, 44 books having been borrowed and 75 loaned. However, we frequently find that when books are obtainable from Bryn Mawr College, the University of Pennsylvania, and other nearby libraries, a great many students and professors prefer to do their own borrowing. We have had excellent coöperation from the libraries concerned and in addition should mention the fine service rendered by the Union Catalog Committee in Philadelphia.

AMY L. POST,
Assistant Librarian.

REPORT OF THE CURATOR OF THE QUAKER COLLECTION

The manuscripts in the Quaker Collection and the Roberts Autograph Collection have been augmented by gifts from thirty-one donors during the year. These accessions by gift are the principal source of increase in the College manuscript collections. The funds which are available for the purchase of Quakeriana are largely devoted to the buying of new books or old and out-of-print books in the Quaker field. Exchanges of Quaker books have also been arranged with twenty libraries and historical societies in such a manner as to bring profit both to Haverford and to the other institutions concerned, and to widen the distribution of Quaker materials.

The function of the Curator's office as a clearing house for research in Quaker history is a continuing one, with almost daily requests by mail for information and assistance in this field. Answering these inquiries is facilitated by the system of cataloguing and special indexes which has been built up over a period of years, and which is being developed and improved. These facilities are also placed at the disposal of research students who find it profitable to use Haverford's Quaker books and manuscripts at some length. Seventeen such research workers in Quaker history were at Haverford at various times during the year, coming from places as far distant as Nova Scotia, North Carolina and Oklahoma, as well as from the Philadelphia area.

Of particular importance is the work that was done by Mary Hoxie Jones in sorting, arranging, and partially cataloguing the large collection of manuscript records of the American Friends Service Committee. A grant of funds from the Service Committee made this work possible, and the records are now safeguarded and arranged so that they are available for research purposes, pending the time when they can be permanently housed with the other Quaker manuscripts in the larger quarters which the further growth of the College's collection will require.

On May 17, 1938, Haverford's collection of Whittier materials was displayed to some two hundred guests who joined in a "Whittier Evening" sponsored by the College. Mr. T. Franklin Currier, Whittier's bibliographer, and Professor Edward D. Snyder were the speakers of the evening. Professor Snyder described the Nicholson-Whittier Notebooks which have been placed on loan at Haverford by Dr. Percival Nicholson. The interest evoked by this occasion has resulted in the gift of several new Whittier items to the College.

THOMAS E. DRAKE,
Curator.

REPORT OF THE INFIRMARY

1937-38

June 11, 1938

The report of the Infirmary for the year 1937-1938 is as follows:

The report of house patients is as follows:

Patients admitted	85
Total time (days)	441

Diseases are classified as follows:

Grippe and respiratory	44
Intestinal	8
Joint conditions	7
External infections	1
Miscellaneous	25

Total number of visits of dispensary patients:

Medical	1,727
Surgical	1,709

Conditions are classified as follows:

Upper respiratory	464
Fractures	4
Sutures	8
General	575

H. W. TAYLOR, M.D.

PUBLICATIONS OF THE FACULTY

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FETTER, FRANK W.—*The Relation between Production and Consumption in The Crucial Problem of Imperial Development*. Longmans Green & Co., London, 1938, pp. 153-6.

FLIGHT, JOHN W.—*Present State of Studies in the History of Writing in the Near East* in Haverford Symposium on Archæology and the Bible. Am. Schools of Oriental Res., New Haven, 1938, Ch. IV, pp. 111-35.

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HAVERFORD COLLEGE

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SUMMARY OF THE ACCOUNT OF
J. HENRY SCATTERGOOD, Treasurer of
THE CORPORATION OF HAVERFORD COLLEGE

For the Year Ending Eighth Month 31, 1938

RECEIPTS

Income from Funds for General Purposes:

General Endowment Fund	\$ 3,897.16
John Farnum Memorial Fund	1,556.37
John M. Whitall Fund	380.78
David Scull Fund	1,299.63
Edward L. Scull Fund	495.09
Wistar Morris Memorial Fund	231.74
Israel Franklin Whitall Fund	472.78
Jacob P. Jones Endowment Fund	55,253.94
John Farnum Brown Fund	10,661.53
Ellen Wain Fund	347.62
Clementine Cope Endowment Fund	785.29
Nathan Branson Hill Fund	154.49
Joseph E. Gillingham Fund	1,730.02
Henry Norris Fund	321.26
Elizabeth H. Farnum Fund	502.31
James R. Magee Fund	1,625.90
Albert K. Smiley Fund	64.38
Hinchman Astronomical Fund	1,588.37
W. D. & E. M. L. Scull Fund	8,820.46
Albin Garrett Memorial Fund	1,411.05
Arnold Chase Scattergood Memorial Fund	546.55
Francis B. Gummere Memorial Fund	5,306.26
Isaac Sharpless Memorial Fund	9,010.97
General Education Board Fund	6,134.43
William Penn Foundation	4,105.51
Walter Carroll Brinton Memorial Fund ..	544.35
Corporation Fund	2,746.29
Howard Comfort Memorial Fund	224.82
Emma Ridgway Comly Fund	2,351.70
Ellen W. Longstreth Fund	4,985.34
Albert L. Baily Fund	215.26
Elizabeth B. Wistar Fund	174.67
T. Allen Hilles Bequest	11,659.22
Leonard L. Grief & Roger L. Grief Fund	33.56
Edward M. Wistar Fund	49.22

139,688.32

Less:

Elizabeth J. Shortridge Fund	2.48
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Forward	\$139,685.84
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TREASURER'S REPORT

Forward		\$139,685.84
<i>Income for Thomas Wistar Brown Graduate School:</i>		
Moses Brown Fund		13,620.87
<i>Income from Funds for Morris Infirmary:</i>		
Infirmary Endowment Fund	\$234.05	
John W. Pinkham Fund	322.71	556.76
<hr/>		
<i>Income from Fund for Haverford Union:</i>		
Haverford Union Fund		47.68
<i>Income from Funds for Scholarships:</i>		
Thomas P. Cope Fund	199.35	
Edward Yarnall Fund	250.99	
Isaiah V. Williamson Fund	426.11	
Richard T. Jones Scholarship Fund	208.83	
Mary M. Johnson Scholarship Fund	307.90	
Sarah Marshall Scholarship Fund	399.64	
Clementine Cope Fellowship Fund	728.70	
Isaac Thorne Johnson Scholarship Fund..	127.14	
Caspar Wistar Memorial Scholarship Fund	296.31	
J. Kennedy Moorhouse Scholarship Fund.	320.14	
Louis Jaquette Palmer Scholarship Fund.	223.36	
Paul W. Newhall Memorial Scholarship Fund	147.59	
Robert Martin Zuckert Memorial Scholarship Fund	218.46	
Samuel E. Hilles Scholarship Fund	242.06	
Class of 1913 Scholarship Fund	120.00	4,216.58
<hr/>		
<i>Income from Funds for Library:</i>		
Alumni Library Fund	298.73	
Mary Farnum Brown Library Fund	2,730.72	
Mary Wistar Brown Williams Library Fund	843.11	
Anna Yarnall Fund	7,443.45	
F. B. Gummere Library Fund	33.99	
Edmund Morris Fergusson, Jr. Memorial Fund	60.52	
Class of 1888 Library Fund	26.79	11,437.31
<hr/>		
<i>Income from Funds for Pensions:</i>		
President Sharpless Fund	2,130.52	
William P. Henszey Fund	1,450.94	
Jacob P. Jones Benefit Fund	1,760.02	
Pliny Earle Chase Memorial Fund	179.04	
Haverford College Pension Fund	5,091.76	10,612.28
<hr/>		
Forward		\$180,177.32

HAVERFORD COLLEGE

Forward		\$180,177.32
<i>Income from Funds for Special Purposes:</i>		
Thomas Shipley Fund	\$215.52	
Elliston P. Morris Fund	7.96	
John B. Garrett Reading Prize Fund	24.20	
Special Endowment Fund	375.85	
Scholarship Improvement Prize Fund	96.80	
Elizabeth P. Smith Fund	45.38	
S. P. Lippincott History Prize Fund	96.75	
Francis Stokes Fund	330.40	
George Peirce Prize Fund	75.28	
Lyman Beecher Hall Prize Fund	104.20	
Newton Prize Fund	153.98	
E. B. Conklin Athletic Fund	25.84	
Arboretum Fund	237.99	
William Ellis Scull Prize Fund	65.11	
Paul D. I. Maier Fund	40.00	
Strawbridge Observatory Maintenance Fund	224.47	2,119.73
Total Income from the Funds		182,297.05
<i>Income from College Sources:</i>		
Tuition—Cash	\$106,875.00	
Scholarships Donated	1,350.00	
Scholarships from Funds	14,400.00	
		122,625.00
Board—Cash		70,150.00
Room Rent—Cash		32,301.15
		225,076.15
Room Rent for 1938–1939	4,080.00	
Re-examination Fees	1,242.50	
Miscellaneous Fees	922.05	
Infirmary	624.19	
Library	311.82	
Biological Laboratory	1,411.03	
Chemical Laboratory	1,909.95	
Physical Laboratory	573.00	
Engineering Laboratory	1,967.57	
Music Department	192.50	
Observatory Fees	62.00	
Board of Professors	2,365.00	
Rents	10,703.36	
Stationery (Net) .....	.84	
Skating Pond (Net)	166.76	
Conferences (Net)	297.06	251,905.78
Forward		\$434,202.83

TREASURER'S REPORT

Forward		\$434,202.83
<i>Donations Other than for Funds:</i>		
For Prizes	\$60.00	
From Matzke Royalties, for books	56.81	
For Radio Club, interest added	56.80	
For Scholarships—New England Alumni.	300.00	
For Other Scholarships	1,050.00	
For Campus Club	521.00	
For Bird Sanctuary	392.75	
For Care of Cope Field	50.00	
For Beth Shemesh Exploration Fund ...	2,000.00	
Class of 1918 Gift for portrait and books.	1,753.52	
For Publication of Thesis	161.00	
For Furnishings for Student Room	200.00	
For Roberts Hall Improvements	200.00	
For General Purposes	150.00	6,951.88
<hr/>		
<i>Additions to Funds:</i>		
John Farnum Brown Fund—Income transferred	1,066.15	
James R. Magee Fund—Addition to bequest	250.00	
Centenary Fund—Donated	7,700.00	
William Penn Foundation—Income transferred	91.91	
Walter Carroll Brinton Memorial Fund—Income transferred	7.95	
Ellen W. Longstreth Fund—Additional from Executors	73.33	
T. Allen Hilles Bequest—Additional from Executors	7,460.94	
Leonard L. Grief and Roger L. Grief Fund—Donated	1,000.00	
Edward M. Wistar Fund—Donated	2,500.00	
Moses Brown Fund—Income transferred.	1,362.09	
Robert Martin Zuckert Memorial Scholarship Fund—Donated	2,000.00	
Class of 1888 Library Fund—Donated ...	5,250.00	
George Peirce Prize Fund—Income transferred	25.28	28,787.65
<hr/>		
<i>Refund from Student Loan Fund</i>		3,000.00
<i>Cooperative Store—Balance of loan repaid</i>		100.00
<i>Transferred from Centenary Fund to Corporation for Deficit</i>		7,700.00
<hr/>		
Forward		\$480,742.36

HAVERFORD COLLEGE

Forward		\$480,742.36
<i>Investments Realized:</i>		
General Endowment Fund	\$340.55	
John Farnum Memorial Fund	100.00	
Jacob P. Jones Endowment Fund	61,217.38	
John Farnum Brown Fund	9,308.28	
Joseph E. Gillingham Fund	100.00	
Hinchman Astronomical Fund	1,682.98	
W. D. & E. M. L. Scull Fund	2,480.78	
Francis B. Gummere Memorial Fund	475.00	
Isaac Sharpless Memorial Fund	12,741.79	
General Education Board Fund	1,968.40	
William Penn Foundation	3,260.63	
Corporation Fund	17,050.00	
Ellen W. Longstreth Fund	977.17	
Moses Brown Fund	4,304.65	
Thomas P. Cope Fund	50.00	
Caspar Wistar Memorial Fund	1,563.71	
Mary Farnum Brown Library Fund	6,949.20	
Anna Yarnall Fund	22,027.56	
President Sharpless Fund	10,474.65	
Jacob P. Jones Benefit Fund	5,734.39	
Haverford College Pension Fund	3,100.00	
Special Endowment Fund	1,030.00	
Arboretum Fund	335.25	
William Ellis Scull Prize Fund	2,000.00	169,272.37
		<hr/>
<i>Money Borrowed Temporarily</i>		152,100.00
<i>Balances 9th Mo. 1, 1937:</i>		
In Treasurer's Account	16,433.88	
In President's Account	15,005.53	31,439.41
		<hr/>
		\$833,554.14
		<hr/> <hr/>

EXPENDITURES

1937-1938

Expenses of Running the College:

Salaries	\$203,008.00
Provisions	36,405.01
Wages	42,077.25
Family Expense and Furniture	5,737.02
Educational Miscellaneous	2,871.06
Fuel and Light (in addition to \$6,238.51 paid in advance)	12,796.33
Water	2,351.79
Lawn and Garden	9,051.07
Infirmery	2,690.05
Haverford Union	27.20
Library	2,321.98
Biological Laboratory	1,527.12
Chemical Laboratory	2,209.44
Physical Laboratory	893.49
Engineering Laboratory	2,257.90
Music Department	114.45
Observatory	61.31
Gymnasium and Athletics	10,959.53
Printing and Advertising	3,036.30
Entertaining Expense	834.00
Rent of Graduate House—Moses Brown Fund	2,400.00
Rent—W. D. & E. M. L. Scull Fund	320.00
Repairs and Improvements	22,728.72
Interest	4,075.22
Taxes	4,112.41
Insurance (in addition to \$1,905.41 paid in advance)	3,309.64
Treasurer's and Secretary's Expenses	3,732.96
Auditing Expenses	490.00
Appropriation for Haverford Meeting ...	100.00
Miscellaneous Expenses charged to Moses Brown Fund	550.00
Pension Contributions	5,377.74

Regular Expense of Running the Col- lege	388,427.29
Add:	
Shortage of Stork Art Gift Fund In- terest	1,636.00
One-fifth Cost of 4,000 Volt Electric System Charged Off	1,214.39

Total Expenses of Running the College, Forward \$391,277.68

HAVERFORD COLLEGE

Forward		\$391,277.68
<i>Expenditures from Income of Funds for Scholarships and Fellowships:</i>		
General Endowment Fund	\$1,075.00	
Jacob P. Jones Endowment Fund	7,100.00	
Joseph E. Gillingham Fund	800.00	
Moses Brown Fund:		
3 at Pendle Hill	\$787.50	
2 at Haverford	1,475.00	2,262.50
Thomas P. Cope Fund	200.00	
Edward Yarnall Fund	275.00	
Isaiah V. Williamson Fund	700.00	
Richard T. Jones Scholarship Fund	300.00	
Mary M. Johnson Scholarship Fund	300.00	
Sarah Marshall Scholarship Fund	375.00	
Clementine Cope Fellowship Fund:		
One fellowship at Harvard ...	\$700.00	
One teaching fellowship at Haverford	300.00	1,000.00
Isaac Thorne Johnson Scholarship Fund..	350.00	
Caspar Wistar Memorial Scholarship Fund	275.00	
J. Kennedy Moorhouse Scholarship Fund.	250.00	
Louis Jaquette Palmer Scholarship Fund.	250.00	
Paul W. Newhall Memorial Scholarship Fund	100.00	
Robert Martin Zuckert Memorial Scholarship	175.00	
Samuel E. Hilles Endowment Fund	250.00	
Class of 1913 Scholarship Fund	150.00	16,187.50
<i>Expenditures from Income of Library Funds:</i>		
W. D. & E. M. L. Scull Fund—Books ...	600.08	
Ellen W. Longstreth Fund:		
Quakeriana	107.12	
Books for Library	257.00	
Mary Farnum Brown Library Fund:		
Lectures	100.00	
Books	2,687.44	
Mary Wistar Brown Williams Library Fund—Books	252.90	
Anna Yarnall Fund—Books	1,900.00	
F. B. Gummere Library Fund—Books ...	7.64	
Edmund Morris Fergusson, Jr. Memorial Fund—Books	44.23	5,956.41
Forward		\$413,421.59

TREASURER'S REPORT

Forward \$413,421.59

Expenditures from Income of Funds for

Special Purposes:

John Farnum Brown Fund for Prize	\$40.00
William Penn Foundation for Lectures ..	50.00
Thomas Shipley Fund for Lectures	213.30
Elliston P. Morris Fund for Books	38.26
Special Endowment Fund:	
Friends Council on Education.. \$25.00	
Religious Education Committee. 200.00	225.00

Scholarship Improvement Prize Fund—

Prizes	95.00
Elizabeth P. Smith Fund for Prize	35.00
S. P. Lippincott History Prize Fund—for	
Books	94.52
George Peirce Prize Fund for Prize	50.00
Lyman Beecher Hall Prize Fund for Prize	100.00
Newton Prize Fund for Books	198.27
William Ellis Scull Prize Fund for Prize	50.00
Paul D. I. Maier Fund—Class of 1896	
Prizes	20.00
Strawbridge Observatory Maintenance	
Fund	154.67

1,364.02

Old Style Pensions:

Paid from Income of Pension Funds	10,612.28	
Deficiency made up from General Account	8,249.56	18,861.84

Paid from Donations:

For Prizes	35.00	
From Matzke Royalties for Books	60.84	
From Carnegie Corporation Gift for Books	275.02	
From Radio Club Gift	11.21	
For Scholarships—New England Alumni		
Scholarship	300.00	
For other Donated Scholarships	1,050.00	
For Campus Club	392.86	
For Bird Sanctuary	261.25	
For care of Cope Field	50.00	
From Beth Shemesh Exploration Fund ..	2,218.60	
For Class of 1916 New Athletic Field ...	406.59	
For Portrait of Professor Kelsey from		
Gift of Class of 1918	500.00	5,561.37

Coal for 1938-1939 bought in advance 4,707.80

Forward \$443,916.62

HAVERFORD COLLEGE

Forward	\$443,916.62	
<i>Insurance paid for in advance</i>	\$485.68	
<i>Balance of Cost of 4,000 Volt Electric System</i>	4,857.54	
(Total of \$6,071.93 to be Amortized in 5 years)		
<i>Strawbridge Observatory Maintenance Fund:</i>		
On account of Astrographic Camera	610.00	
<i>Transferred from Centenary Fund for Deficit</i>	7,700.00	
<i>Investments Made or Donated:</i>		
General Endowment Fund	\$303.19	
John Farnum Memorial Fund	202.00	
Jacob P. Jones Endowment Fund	24,719.45	
John Farnum Brown Fund	24,255.36	
Joseph E. Gillingham Fund	3,566.60	
Hinchman Astronomical Fund	641.40	
W. D. & E. M. L. Scull Fund	1,800.34	
Francis B. Gummere Memorial Fund	1,095.69	
Isaac Sharpless Memorial Fund	9,383.36	
General Education Board Fund	6,509.74	
William Penn Foundation	3,549.27	
Corporation Fund	11,000.00	
Howard Comfort Memorial Fund	2,045.00	
Ellen W. Longstreth Fund	10,807.59	
Albert L. Baily Fund	5,000.00	
Elizabeth B. Wistar Warner Fund	4,892.54	
T. Allen Hilles Bequest	9,425.21	
Edward M. Wistar Fund	2,024.60	
Moses Brown Fund	15,267.78	
John W. Pinkham Fund	103.00	
Edward Yarnall Fund	152.00	
Isaiah V. Williamson Fund	39.95	
Caspar Wistar Memorial Fund	1,509.74	
Alumni Library Fund	94.00	
Mary Farnum Brown Library Fund	6,237.12	
Mary Wistar Brown Williams Library Fund	13.24	
Anna Yarnall Fund	28,844.30	
President Sharpless Fund	3,493.36	
Jacob P. Jones Benefit Fund	4,652.72	
Haverford College Pension Fund	3,211.35	
Special Endowment Fund	975.97	
Arboretum Fund	324.44	186,140.31
<hr/>		
<i>Temporary Loans Paid Off</i>	166,300.00	
(No Money owing to Bank)		
<hr/>		
Forward	\$810,010.15	

TREASURER'S REPORT

Forward		\$810,010.15
<i>Income Transferred to Principal:</i>		
John Farnum Brown Fund	\$1,066.15	
William Penn Foundation	91.91	
Walter Carroll Brinton Memorial Fund ..	7.95	
Moses Brown Fund	1,362.09	
George Peirce Prize Fund	25.28	2,553.38
		<hr/>
<i>Balances 8th Mo. 31, 1938:</i>		
In Treasurer's Account	5,990.61	
In President's Account	15,000.00	20,990.61
		<hr/>
		\$833,554.14
		<hr/> <hr/>

FINANCIAL STATEMENT

FOR THE YEAR ENDING 8TH MONTH 31, 1938

Income from Funds applicable to Budget ..	\$159,379.37		
(After capitalizing and Special Expenses)			
Donations for Scholarships	1,350.00		
Donations for General Account	150.00		
Donations for Centenary Fund applied to current year	7,700.00		
Returned on Advances from past Current Account to Student Loan Fund	3,000.00	\$171,579.37	
Net Cash Receipts at College	251,905.78		
Less Room rents for 1938-1939	4,080.00		
	247,825.78		
Add Room rents for 1937-1938 paid in advance	4,305.00		
	252,130.78		
Less Scholarships from Funds ..	\$14,400.00		
Less Scholarships from Dona- tions	1,350.00	15,750.00	236,380.78
			407,960.15
Expenses of Running the College, as per foregoing statement	388,427.29		
Coal for 1937-1938 paid for in advance	6,238.51		
Insurance for 1937-1938 paid for in advance.	1,905.41		
Normal Expense of Running the College ..	396,571.21		
Add deficiency of income from Pension Fund for Old Style Pensions	8,249.56		
Add deficiency of income to meet interest on Stork Art Fund overdraft	1,636.00		
Add one-fifth of cost of 4,000 Volt Electric System spread over 5 years	1,214.39	407,671.16	
Operating Surplus for the year		\$288.99	

STATEMENT OF DEBT OF THE CORPORATION

8TH MONTH, 1938

Debt of the Corporation 9th Month 1, 1937	\$70,678.32
Decreased during the year by Operating Gain 1937-1938.	288.99

Debt of the Corporation 8th Month 31, 1938:

For accumulated deficits	\$39,773.63	
For Dwelling No. 3 College Circle	8,000.00	
For Sharpless House	14,412.29	
For Dwelling (formerly Dr. Babbitt's) with improvements	8,203.41	\$70,389.33

NOTE

The investment of the Funds in the College Lane Real Estate remains the same, viz.:

Jacob P. Jones Endowment Fund	\$122,000.00
Francis B. Gummere Memorial Fund	5,800.00
Isaac Sharpless Memorial Fund	27,700.00
W. D. & E. M. L. Scull Fund	46,000.00
	<u>\$201,500.00</u>

REPORT ON EACH FUND

FUNDS FOR GENERAL PURPOSES

GENERAL ENDOWMENT FUND

Established 1847, and increased from time to time since

	PAR VALUE	BOOK VALUE
Amount of fund at beginning of year	\$104,679.64†	\$97,427.09
Increased:		
Variation from par of bonds bought and sold	12.36	
Decreased:		
Loss on bonds sold		431.95
Amount of fund at end of year	<u>\$104,692.00†</u>	<u>\$96,995.14</u>
Invested funds	\$104,473.56	\$96,776.70
Principal uninvested and due from Corporation	218.44*	218.44*
Total fund	<u>\$104,692.00†</u>	<u>\$96,995.14</u>
Income received during the year		\$5,096.58
Income used for real estate expenses	\$1,199.42	
Income appropriated for four graduate scholarships	1,075.00	
Income appropriated for general expenses ..	<u>2,822.16</u>	\$5,096.58

JOHN FARNUM MEMORIAL FUND

Established 1878, and increased by legacy of Elizabeth H. Farnum in 1899

The Principal of this fund is held in the names of three Trustees, Charles J. Rhoads, Frederic H. Strawbridge, and J. Henry Scattergood.

	PAR VALUE	BOOK VALUE
Invested funds	\$41,960.41	\$40,707.67
Principal uninvested and due from Corporation	740.04	740.04
Total fund	<u>\$42,700.45</u>	<u>\$41,447.71</u>
Income received during the year		\$2,584.31
Income used for real estate expenses	\$1,027.94	
Income appropriated for salary	<u>1,556.37</u>	2,584.31

* 4% interest was paid to funds by the Corporation on all uninvested balances, and charged to funds when overinvested. This applies to all the funds listed below.

† This fund also has *no par* stocks, included in above book value at \$525.03.

TREASURER'S REPORT

JOHN M. WHITALL FUND

Founded in 1880

	PAR VALUE	BOOK VALUE
Invested funds	\$11,000.00	\$10,477.50
Principal uninvested	87.59	87.59
Total fund	<u>\$11,087.59</u>	<u>\$10,565.09</u>
Income received during the year	\$380.78	
Income appropriated for salaries	380.78	

DAVID SCULL FUND

Founded 1885

	PAR VALUE	BOOK VALUE
Invested funds	\$48,500.00	\$44,365.51
Principal uninvested	441.08	441.08
Total fund	<u>\$48,941.08</u>	<u>\$44,806.59</u>
Income received during the year	\$1,299.63	
Income appropriated for salary	1,299.63	

EDWARD L. SCULL FUND

Founded 1885

	PAR VALUE	BOOK VALUE
Invested funds	\$11,313.31	\$13,548.73
Principal overinvested	2,184.38	2,184.38
Total fund	<u>\$9,128.93</u>	<u>\$11,364.35</u>
Income received during the year		\$648.62
Income appropriated for real estate expenses	\$153.53	
Income appropriated for salaries	495.09	648.62

WISTAR MORRIS MEMORIAL FUND

Founded 1892

	PAR VALUE	BOOK VALUE
Invested funds	\$5,000.00	\$4,862.50
Principal uninvested	281.74	281.74
Total fund	<u>\$5,281.74</u>	<u>\$5,144.24</u>
Income received during the year	\$231.74	
Income appropriated for salaries	231.74	

HAVERFORD COLLEGE

ISRAEL FRANKLIN WHITALL FUND

Founded 1896

	PAR VALUE	BOOK VALUE
Amount of fund at beginning of year	\$11,741.37*	\$12,438.04
Decreased:		
Loss through exchange of securities in reorganization	600.00	1,710.72
Amount of fund at end of year	\$11,141.37*	\$10,727.32
Invested funds	\$10,840.00	\$10,425.95
Principal uninvested	301.37	301.37
Total fund	\$11,141.37	\$10,727.32
Income received during the year	\$473.02	
Income appropriated for salaries	473.02	

JACOB P. JONES ENDOWMENT FUND

Founded 1897

	PAR VALUE	BOOK VALUE
Amount of fund at beginning of year ..	\$1,273,866.19	\$1,303,488.66
Decreased:		
Loss on bonds sold	\$8,152.67	6,152.67
No par stocks bought	18,778.57	
	26,931.24	
	1,246,934.95	1,297,335.99
Increased:		
Gains on bonds called, matured and exchanged	\$600.00	2,987.10
Variation below par of securities bought	2,972.65	
	3,572.65	
Amount of fund at end of year	\$1,250,507.60†	\$1,300,323.09
Invested funds	\$1,205,856.32	1,255,671.81
Principal uninvested	44,651.28	44,651.28
Total fund	\$1,250,507.60†	\$1,300,323.09
Income received during the year		65,189.90
Income used for real estate expenses ...	9,935.96	
Income appropriated for 34 scholarships.	7,100.00	
Income appropriated for general purposes	48,153.94	65,189.90

* This fund also has *no par* stocks, included in above book value at \$12.00.

† This fund also has *no par* stocks, included in above book value at \$111,675.40.

TREASURER'S REPORT

JOHN FARNUM BROWN FUND FOR THE STUDY OF THE BIBLE, BIBLICAL HISTORY AND LITERA- TURE, PHILOSOPHY, AND KINDRED SUBJECTS

Founded 1900 and increased at various times

	PAR VALUE	BOOK VALUE
Amount of fund at beginning of the year ..	\$298,025.34	\$274,934.25
Increased:		
Income transferred	1,066.15	1,066.15
Gains on bonds sold and called	258.28	183.28
Increase of par in reorganization	2,500.00	
	<hr/> \$301,849.77	<hr/> \$276,183.68
Decreased:		
Par stock exchanged to no par . \$400.00		
No par stock bought	3,296.82	
Variation above par of stocks bought	9,097.55	12,794.37
Loss on securities exchanged ...		1,135.56
	<hr/> \$289,055.40*	<hr/> \$275,048.12
Invested funds	\$287,800.87	\$273,793.59
Principal uninvested	1,254.53	1,254.53
	<hr/> \$289,055.40*	<hr/> \$275,048.12
Income received during year		\$11,649.06
Income used for real estate expenses	\$987.53	
Income appropriated for salaries	9,555.38	
Income transferred to principal	1,066.15	
Income appropriated for prize:		
First Biblical Reading prize to Harold H. Morris, Jr., '39	40.00	\$11,649.06

ELLEN WALN FUND

Founded 1900

	PAR VALUE	BOOK VALUE
Invested funds	\$12,000.00	\$10,879.00
Principal uninvested	238.10	238.10
	<hr/> \$12,238.10	<hr/> \$11,117.10
Income received during the year	\$347.62	
Income appropriated for general expenses ..	347.62	

* This fund also has *no par* stocks, included in above book value at \$9,399.17.

HAVERFORD COLLEGE

CLEMENTINE COPE ENDOWMENT FUND

Founded 1904

	PAR VALUE	BOOK VALUE
Invested funds	\$25,500.00	\$21,209.18
Principal uninvested	284.49	284.49
Total fund	<u>\$25,784.49*</u>	<u>\$21,493.67</u>
Income received during the year	\$785.29	
Income appropriated for general purposes ..	785.29	

NATHAN BRANSON HILL TRUST

Founded 1904

From proceeds of life insurance policy on life of Samuel Hill, '78, who died in 1931; held in trust by First National Bank and Trust Co. of Minneapolis, Minn.

	PAR VALUE	BOOK VALUE
Amount of fund at beginning of year	\$4,970.56	\$5,095.86
Increased by amortization \$17.50		
Less variation above par of bond bought ..... .72	16.78	
Amount of fund at end of year	<u>\$4,987.34</u>	<u>\$5,095.86</u>
Invested funds	\$4,950.00	\$5,058.52
Uninvested principal	37.34	37.34
Total fund	<u>\$4,987.34</u>	<u>\$5,095.86</u>
Income received during the year	\$154.49	
Income appropriated for general purposes ..	154.49	

JOSEPH E. GILLINGHAM FUND

Founded 1907

	PAR VALUE	BOOK VALUE
Amount of fund at beginning of year	\$45,687.21	\$46,799.46
Decreased by no par stock bought	3,566.60	
Amount of fund at end of year	<u>\$42,120.61†</u>	<u>\$46,799.46</u>
Invested funds	\$41,709.33	\$46,388.18
Principal uninvested	411.28	411.28
Total fund	<u>\$42,120.61†</u>	<u>\$46,799.46</u>

* This fund also has *no par* stocks, included in above book value at \$779.15.

† This fund also has *no par* stocks, included in above book value at \$4,925.10.

TREASURER'S REPORT

Income received during year		\$2,541.69
Income used for real estate expenses	\$811.67	
Income appropriated for four scholarships..	800.00	
Income appropriated for general purposes ..	930.02	2,541.69

HENRY NORRIS FUND

Founded 1907

	PAR VALUE	BOOK VALUE
Invested funds	\$6,000.00	\$5,788.94
Principal uninvested	69.76	69.76
	<hr/>	<hr/>
Total fund	\$6,069.76	\$5,858.70
	<hr/>	<hr/>
Income received during the year	\$321.26	
Income appropriated for general purposes ..	321.26	

ELIZABETH H. FARNUM FUND

Founded 1891

The principal of this fund is held in trust by The Provident Trust Company of Philadelphia. The first income accrued to the College in 1914.

	PAR VALUE	BOOK VALUE
Amount of fund at beginning of year	\$10,220.00	\$10,220.00
Decreased by variation above par of bond bought	8.31	
	<hr/>	<hr/>
Amount of fund at end of year	\$10,211.69	\$10,220.00
	<hr/>	<hr/>
Invested funds	\$9,955.52	\$9,963.83
Principal uninvested in hands of Trustee ..	36.17	36.17
	<hr/>	<hr/>
	\$9,991.69	\$10,000.00
Income transferred to Principal in hands of Corp., uninvested	220.00	220.00
	<hr/>	<hr/>
Total fund	\$10,211.69	\$10,220.00
	<hr/>	<hr/>
Income received during the year		\$624.95
Income used for real estate expenses	\$122.64	
Income appropriated for general expenses ..	502.31	\$624.95
	<hr/>	

HAVERFORD COLLEGE

JAMES R. MAGEE FUND

*Founded in 1915, and added to in 1925, 1926, 1928, 1929, 1930,
1931, 1932, 1936 and 1937*

	PAR VALUE	BOOK VALUE
Amount of fund at beginning of year	\$42,251.27	\$44,368.88
Increased:		
By addition to bequest	250.00	250.00
Amount of fund at end of year	<u>\$42,501.27*</u>	<u>\$44,618.88</u>
Invested funds	\$41,686.55	\$43,804.16
Uninvested principal	814.72	814.72
Total fund	<u>\$42,501.27*</u>	<u>\$44,618.88</u>
Income received during the year		\$2,158.84
Income used for real estate expenses	\$532.94	
Income appropriated for general expenses ..	<u>1,625.90</u>	<u>\$2,158.84</u>

ALBERT K. SMILEY FUND

Founded in 1915, increased in 1924 and 1926

	PAR VALUE	BOOK VALUE
Invested funds	\$1,500.00	\$1,582.50
Principal uninvested	17.50	17.50
Total fund	<u>\$1,517.50</u>	<u>\$1,500.00</u>
Income received during the year	\$64.38	
Income appropriated for general purposes ..	<u>64.38</u>	

THE HINCHMAN ASTRONOMICAL FUND

Founded in 1917, and increased at various times

	PAR VALUE	BOOK VALUE
Amount of fund at beginning of the year ..	\$37,583.66	\$40,355.00
Increased:		
Variation from par of bonds called, sold and bought	41.58	
Decreased by loss on bonds called and sold..		849.52
Amount of fund at end of year	<u>\$37,625.24†</u>	<u>\$39,505.48</u>

* This fund also has *no par* stocks, included in above book value at \$5,371.00.

† This fund also has *no par* stocks, included in above book value at \$3,985.00.

TREASURER'S REPORT

Invested funds	\$36,400.00	\$38,280.24
Principal uninvested	1,225.24	1,225.24
Total fund	<u>\$37,625.24*</u>	<u>\$39,505.48</u>
Income received during the year	\$1,588.37	
Income appropriated toward salary of Director of the Strawbridge Memorial Observatory	1,588.37	

WALTER D. AND EDITH M. L. SCULL FUND

Founded 1918

	PAR VALUE	BOOK VALUE
Amount of fund at beginning of the year ..	\$122,591.38	\$174,361.55
Increased:		
Variation from par of bonds bought and sold	375.92	
Gain on bonds sold		151.26
Amount of fund at end of year	<u>\$122,967.30†</u>	<u>\$174,512.81</u>
Invested funds	\$121,895.55	\$173,441.06
Principal uninvested	1,071.75	1,071.75
Total fund	<u>\$122,967.30†</u>	<u>\$174,512.81</u>
Income received during the year		\$9,139.19
Income used for real estate expenses	\$318.73	
Income appropriated for books	600.08	
Income appropriated for salary and sundry expenses	8,220.38	\$9,139.19

ALBIN GARRETT MEMORIAL FUND

Founded 1919

	PAR VALUE	BOOK VALUE
Invested funds	\$36,284.67	\$26,496.92
Principal uninvested	274.08	274.08
Total fund	<u>\$36,558.75</u>	<u>\$26,771.00</u>
Income received during the year		\$1,574.06
Income used for real estate expenses	\$163.01	
Income appropriated for salaries	1,411.05	\$1,574.06

* This fund also has *no par* stocks, included in above book value at \$3,985.00.

† This fund also has *no par* stocks, included in above book value at \$35,763.42.

HAVERFORD COLLEGE

ARNOLD CHASE SCATTERGOOD MEMORIAL FUND

Founded 1919

	PAR VALUE	BOOK VALUE
Invested funds	\$26,542.38*	\$24,357.91
Principal uninvested	23.68	23.68
Total fund	<u>\$26,566.06*</u>	<u>\$24,381.59</u>
Income received during the year		\$876.78
Income used for real estate expenses	\$330.23	
Income appropriated for salaries	<u>546.55</u>	<u>\$876.78</u>

FRANCIS B. GUMMERE MEMORIAL FUND

Founded 1920

	PAR VALUE	BOOK VALUE
Invested funds	\$122,299.78†	\$126,008.80
Principal overinvested	717.54	717.54
Total fund	<u>\$121,582.24†</u>	<u>\$125,291.26</u>
Income received during the year		\$7,782.27
Income used for real estate expenses	\$2,476.01	
Income appropriated for salaries	<u>5,306.26</u>	<u>\$7,782.27</u>

ISAAC SHARPLESS MEMORIAL FUND

Founded 1920

	PAR VALUE	BOOK VALUE
Amount of fund at beginning of the year ..	\$224,476.98	\$221,577.14
Increased:		
Gain on bonds matured or called	60.00	355.00
Gain in par in reorganization	250.00	
Variation below par of bonds bought	6,448.38	
	<u>\$231,235.36</u>	<u>\$221,932.14</u>
Decreased:		
Loss on bonds sold .....\$3,218.21		3,203.71
No par stock bought 4,992.27	8,210.48	
Amount of fund at end of year	<u>\$223,024.88‡</u>	<u>\$218,728.43</u>

* This fund also has *no par* stocks, included in above book value at \$779.15.

† This fund also has *no par* stocks, included in above book value at \$7,476.75.

‡ This fund also has *no par* stocks, included in above book value at \$4,999.27.

TREASURER'S REPORT

Invested funds	\$216,201.57	\$211,905.12
Principal uninvested	6,823.31	6,823.31
Total fund	<u>\$223,024.88*</u>	<u>\$218,728.43</u>
Income received during the year		\$10,613.20
Income used for real estate expenses	\$1,602.23	
Income appropriated for salaries	9,010.97	\$10,613.20

GENERAL EDUCATION BOARD FUND

Founded 1922

	PAR VALUE	BOOK VALUE
Amount of fund at beginning of year	\$119,061.60	\$127,472.94
Increased by variation from par of bonds bought and sold	58.66	
Decreased by loss on bonds sold		2,169.10
Amount of fund at end of year	<u>\$119,120.26†</u>	<u>\$125,303.84</u>
Invested funds	\$117,655.37	\$123,838.95
Principal uninvested	1,464.89	1,464.89
Total fund	<u>\$119,120.26†</u>	<u>\$125,303.84</u>
Income received during the year		\$7,397.61
Income used for real estate expenses	\$1,263.18	
Income appropriated for salaries	6,134.43	\$7,397.61

CENTENARY FUNDS

Founded 1926 and 1935

	PAR VALUE	BOOK VALUE
Amount of fund at beginning of year	\$1,000	\$240.00
Increased by donations for debt	7,700.00	7,700.00
	<u>\$8,700.00</u>	<u>\$7,940.00</u>
Decreased:		
By transfer of donations to cur- rent operations	\$7,700.00	7,700.00
By reduction of par in reorgani- zation	250.00	7,950.00
Amount of fund at end of year, all invested.	<u>\$750.00</u>	<u>\$240.00</u>

* This fund also has *no par* stocks, included in above book value at \$4,999.27.

† This fund also has *no par* stocks, included in above book value at \$9,425.50.

HAVERFORD COLLEGE

WILLIAM PENN FOUNDATION

Founded 1926

	PAR VALUE	BOOK VALUE
Amount of fund at beginning of year	\$91,080.42	\$101,762.23
Increased:		
By transfer of unused income	91.91	91.91
By gain on bonds sold	260.63	223.13
By variation below par of bonds bought..	295.77	
Amount of fund at end of year	<u>\$91,728.73*</u>	<u>\$102,077.27</u>
Invested funds	\$92,192.62	\$102,541.16
Principal overinvested	463.89	463.89
Total fund	<u>\$91,728.73*</u>	<u>\$102,077.27</u>
Income received during the year		\$5,987.76
Income used for real estate expenses	\$1,882.25	
Income appropriated for salary	3,963.60	
Income transferred to principal	91.91	
Income used for lectures	50.00	\$5,987.76

WALTER CARROLL BRINTON MEMORIAL FUND

Founded 1920 as a Scholarship Fund. Added to in 1927 and changed to be used with William Penn Foundation

	PAR VALUE	BOOK VALUE
Amount at beginning of year	\$14,351.47	\$14,100.70
Increased by income transferred to principal	7.95	7.95
Amount of fund at end of year	<u>\$14,359.42</u>	<u>\$14,108.65</u>
Invested funds	\$14,589.18	\$14,338.41
Principal overinvested	229.76	229.76
Amount of fund at end of year	<u>\$14,359.42</u>	<u>\$14,108.65</u>
Income received during the year		\$1,013.60
Income used for real estate expenses	\$469.25	
Income appropriated for salary	536.40	
Income transferred to principal	7.95	\$1,013.60

* This fund also has no par stocks, included in above book value at \$6,979.10.

TREASURER'S REPORT

CORPORATION FUND

Founded 1928

	PAR VALUE	BOOK VALUE
Amount of fund at beginning of year	\$36,887.75	\$78,810.00
Increased by gain on bonds called	240.00	1,200.00
Amount of fund at end of year	<u>\$37,127.75*</u>	<u>\$80,010.00</u>
Invested funds	\$34,700.00	\$77,582.25
Principal uninvested	2,427.75	2,427.75
Total fund	<u>\$37,127.75*</u>	<u>\$80,010.00</u>
Income received during the year	\$2,746.29	
Income appropriated to general purposes ..	2,746.29	

ELIZABETH J. SHORTRIDGE FUND

Founded 1930

	PAR VALUE	BOOK VALUE
Invested funds	\$11,000.00	\$10,062.00
Principal overinvested	62.00	62.00
Amount of fund	<u>\$10,938.00</u>	<u>\$10,000.00</u>
Income overdrawn during the year	\$2.48	
Charged against other general income	2.48	

HOWARD COMFORT MEMORIAL FUND

Established 1934

	PAR VALUE	BOOK VALUE
Amount of fund at beginning of year	\$5,096.95	\$5,000.00
Decreased by variation above par of bond bought	45.00	
Amount of fund at end of year	<u>\$5,051.95</u>	<u>\$5,000.00</u>
Invested funds	\$5,000.00	\$4,948.05
Principal uninvested	51.95	51.95
Total fund	<u>\$5,051.95</u>	<u>\$5,000.00</u>
Income received during the year	\$224.82	
Income used for general purposes	224.82	

* This fund also has *no par* stocks, included in above book value at \$25,312.50.

HAVERFORD COLLEGE

EMMA RIDGWAY COMLY FUND

Established 1935

	PAR VALUE	BOOK VALUE
Invested funds	\$20,000.00*	\$48,720.94
Uninvested principal	1,279.06	1,279.06
Total fund	<u>\$21,279.06*</u>	<u>\$50,000.00</u>
Income received during the year	\$2,351.70	
Income used for general purposes	2,351.70	

ELLEN W. LONGSTRETH FUND

Established 1935

	PAR VALUE	BOOK VALUE
Amount of fund at beginning of year	\$115,778.79	\$110,564.32
Increased:		
Additional from Executor	73.33	73.33
Gain on bonds sold		42.65
Gain on liquidation of stock not valued ..	.50	.50
Gain on bonds in reorganization	840.00	360.54
Variation below par of bonds bought	484.57	
	<u>\$117,177.19</u>	<u>\$111,041.34</u>
Decreased:		
Loss on bonds sold	\$16,140.06	33.25
No par stock bought	3,147.56	
	<u>19,287.62</u>	
Amount of fund at end of year	<u>\$97,889.57†</u>	<u>\$111,008.09</u>
Invested funds	\$92,727.11	\$105,845.63
Uninvested principal	5,162.46	5,162.46
Total fund	<u>\$97,889.57†</u>	<u>\$111,008.09</u>
Income received during the year		\$5,542.30
Income used for real estate expenses	\$556.96	
Income appropriated for Quakeriana notes..	107.12	
Income appropriated for Quaker books for		
Library	257.00	
Income appropriated for general expenses ..	4,621.22	\$5,542.30

* This fund also has *no par* stocks, included in above book value at \$12,745.00.

† This fund also has *no par* stocks, included in above book value at \$7,621.06.

TREASURER'S REPORT

ALBERT L. BAILY FUND

Established 1936

	PAR VALUE	BOOK VALUE
Unrestricted bequest, all invested	\$5,000.00	\$5,000.00
Income received during the year	\$215.26	
Income appropriated for general purposes ..	215.26	

ELIZABETH B. WISTAR WARNER FUND

Established 1937

	PAR VALUE	BOOK VALUE
Amount of fund at beginning of year	\$4,950.00	\$4,950.00
Decreased by no par stock bought	4,892.54	
Amount of fund at end of year	\$57.46*	\$4,950.00
Invested funds		\$4,892.54
Uninvested principal	\$57.46	57.46
Total fund	\$57.46*	\$4,950.00
Income received during the year	\$174.67	
Income appropriated for general purposes ..	174.67	

T. ALLEN HILLES BEQUEST

Established 1937

	PAR VALUE	BOOK VALUE
Amount of fund at beginning of year	\$116,726.47	\$285,000.00
Increased by additions from Executor	7,460.94	7,460.94
Decreased by no par stock bought	\$124,187.41	\$292,460.94
Amount of fund at end of year	\$114,762.20†	\$292,460.94
Invested funds	\$98,450.00	\$276,148.74
Principal uninvested	16,312.20	16,312.20
Total fund	\$114,762.20†	\$292,460.94
Income received during the year	\$11,659.22	
Income appropriated for maintenance expenses	11,659.22	

Note: This fund is subject to a reduction of perhaps \$30,000 for inheritance taxes, still unsettled.

* This fund also has *no par* stocks, included in above book value at \$4,892.54.

† This fund also has *no par* stocks, included in above book value at \$67,331.67.

HAVERFORD COLLEGE

LEONARD L. GRIEF, JR., AND ROGER L. GRIEF FUND

Established 1937

(This fund is new this year.)

	PAR VALUE	BOOK VALUE
Gift of Leonard L. Grief, '34, and Roger L. Grief, '37, principal uninvested	\$1,000.00	\$1,000.00
Income received during the year	\$33.56	
Income appropriated for general purposes ..	33.56	

EDWARD M. WISTAR FUND

Established 1938

(This fund is new this year.)

	PAR VALUE	BOOK VALUE
Gift of Edward M. Wistar, '72	\$2,500.00	\$2,500.00
Decreased by no par stock bought	2,024.60	
Amount of fund at end of year	\$475.40*	\$2,500.00
Invested funds		\$2,024.60
Principal uninvested	\$475.40	475.40
Total fund	475.40*	\$2,500.00
Income received during the year	\$49.22	
Income appropriated for general purposes ..	49.22	

FUND FOR T. WISTAR BROWN GRADUATE SCHOOL

MOSES BROWN FUND

Trust founded by T. Wistar Brown in 1906 and transferred to the College in 1916

	PAR VALUE	BOOK VALUE
Amount of fund at beginning of year	\$364,203.66	\$345,199.14
Increased:		
Income transferred	1,362.09	1,362.09
Gain on bonds sold	204.65	163.81
Gain in par of bonds in reorganization ...	1,000.00	
	\$366,770.40	\$346,725.04
Decreased:		
Variation above par of securities bought..	267.78	
Amount of fund at end of year	\$366,502.62†	\$346,725.04

* This fund also has *no par* stocks, included in above book value at \$2,024.60.

† This fund also has *no par* stocks, included in above book value at \$8,574.45.

TREASURER'S REPORT

Invested funds	\$356,458.44	\$336,680.86
Uninvested principal	10,044.18	10,044.18
	<hr/>	<hr/>
Total fund	\$366,502.62*	\$346,725.04
	<hr/>	<hr/>
Income received during the year		\$14,429.98
Income used for real estate expenses	\$809.11	
Income appropriated:		
Salaries	7,046.28	
Rent of Graduate House	2,400.00	
Three scholarships at Pendle Hill	787.50	
Three scholarships' share at Haverford ..	275.00	
Two other scholarships at Haverford ...	1,200.00	
American School of Oriental Research ..	100.00	
American School of Classical Studies, Athens	200.00	
American Academy in Rome	250.00	
Income transferred to principal	1,362.09	\$14,429.98
	<hr/>	

FUNDS FOR THE INFIRMARY INFIRMARY ENDOWMENT FUND

Founded 1911

	PAR VALUE	BOOK VALUE
Invested funds	\$10,858.06	\$10,760.56
Principal overinvested	1,107.12	1,107.12
	<hr/>	<hr/>
Total fund	\$9,750.94	\$9,653.44
	<hr/>	<hr/>
Income received during the year		\$500.80
Income used for real estate expenses	\$266.75	
Income appropriated for Infirmary	234.05	\$500.80
	<hr/>	

JOHN W. PINKHAM FUND

Founded 1911

	PAR VALUE	BOOK VALUE
Invested funds	\$5,925.96	\$5,485.96
Principal overinvested	426.46	426.46
	<hr/>	<hr/>
Total fund	\$5,499.50	\$5,059.50
	<hr/>	<hr/>
Income received during the year		\$502.73
Income used for real estate expenses	\$180.02	
Income appropriated for Infirmary	322.71	\$502.73
	<hr/>	

* This fund also has *no par* stocks, included in above book value at \$8,574.45.

HAVERFORD COLLEGE

FUND FOR THE UNION HAVERFORD UNION FUND

Founded 1920

	PAR VALUE	BOOK VALUE
Invested funds	\$2,000.00	\$1,666.50
Principal uninvested	212.32	212.32
Total fund	<u>\$2,212.32</u>	<u>\$1,878.82</u>
Income received during the year	\$47.68	
Income appropriated for maintenance of the Union	47.68	

FUNDS FOR SCHOLARSHIPS

THOMAS P. COPE FUND

Founded 1842

	PAR VALUE	BOOK VALUE
Invested funds	\$4,131.24	\$5,134.37
Uninvested principal	113.45	113.45
Total fund	<u>\$4,244.69*</u>	<u>\$5,247.82</u>
Income on hand at beginning of year	\$28.77	
Income received during the year	327.34	\$356.11
Income used for real estate expenses	\$127.99	
Income appropriated for two scholarships ..	200.00	327.99
Income on hand at end of year		<u>\$28.12</u>

EDWARD YARNALL FUND

Founded 1860

	PAR VALUE	BOOK VALUE
Invested funds	\$6,920.90	\$7,270.80
Principal overinvested	1,201.57	1,201.57
Total fund	<u>\$5,719.33†</u>	<u>\$6,069.23</u>
Income overdrawn at beginning of year ...	\$26.84	
Income used for real estate expenses	192.35	
Income appropriated for two scholarships ..	275.00	\$494.19
Income received during the year		<u>443.34</u>
Income overdrawn at end of year		<u>\$50.85</u>

* This fund also has *no par* stocks, included in above book value at \$1,040.00.

† This fund also has *no par* stocks, included in above book value at \$779.15.

TREASURER'S REPORT

ISAIAH V. WILLIAMSON FUND

Founded 1876 and increased 1883

	PAR VALUE	BOOK VALUE
Invested funds	\$22,218.92	\$19,244.76
Uninvested principal	572.64	572.64
Total fund	<u>\$22,791.56</u>	<u>\$19,817.40</u>
Income overdrawn at beginning of year ...	\$477.23	
Income used for real estate expenses	140.54	
Income appropriated for two scholarships ..	<u>700.00</u>	\$1,317.77
Income received during the year		566.65
Income overdrawn at end of year		<u>\$751.12</u>

RICHARD T. JONES SCHOLARSHIP FUND

Founded by Will of Jacob P. Jones 1885

	PAR VALUE	BOOK VALUE
Invested funds	\$6,302.61	\$5,462.61
Principal overinvested	406.36	406.36
Total fund	<u>\$5,896.25</u>	<u>\$5,056.25</u>
Income used for real estate expenses	\$105.61	
Income appropriated for two R. T. Jones Scholarships	<u>300.00</u>	\$405.61
Income on hand at beginning of year	\$42.59	
Income received during the year	<u>314.44</u>	357.03
Income overspent at end of year		<u>\$48.58</u>

MARY M. JOHNSON SCHOLARSHIP FUND

Founded 1897

	PAR VALUE	BOOK VALUE
Invested funds	\$8,000.00	\$7,409.06
Principal overinvested	385.45	385.45
Total fund	<u>\$7,614.55</u>	<u>\$7,023.61</u>
Income on hand at beginning of year	\$38.83	
Income received during the year	<u>307.90</u>	\$346.73
Income appropriated for two scholarships ..		300.00
Income on hand at end of year		<u>\$46.73</u>

HAVERFORD COLLEGE

SARAH MARSHALL SCHOLARSHIP FUND

Founded 1897

	PAR VALUE	BOOK VALUE
Invested funds	\$6,896.16*	\$7,711.09
Principal uninvested	199.67	199.67
Total fund	<u>\$7,095.83*</u>	<u>\$7,910.76</u>
Income on hand at beginning of year	\$23.33	
Income received during the year	415.97	\$439.30
Income used for real estate expenses	\$16.33	
Income appropriated for three scholarships..	375.00	391.33
Income on hand at end of year		<u>\$47.97</u>

CLEMENTINE COPE FELLOWSHIP FUND

Founded 1899

	PAR VALUE	BOOK VALUE
Invested funds	\$26,600.00	\$23,175.09
Principal overinvested	329.23	329.23
Total fund	<u>\$26,270.77</u>	<u>\$22,845.86</u>
Income on hand at beginning of year	\$766.99	
Income received during the year	728.70	\$1,495.69
Income appropriated for Clementine Cope Fellowships:		
Teaching Fellowship at Haverford to S. S. McNeary	\$300.00	
Cope Fellowship at Haverford to Philip M. Whitman	700.00	1,000.00
Income on hand at end of year		<u>\$495.69</u>

ISAAC THORNE JOHNSON SCHOLARSHIP FUND

Founded 1916

	PAR VALUE	BOOK VALUE
Invested funds	\$7,100.00	\$6,897.00
Principal uninvested	905.94	905.94
Total fund	<u>\$8,005.94</u>	<u>\$7,802.94</u>

* This fund also has *no par* stocks, included in above book value at \$936.00.

TREASURER'S REPORT

Income overspent at beginning of year	\$98.29	
Income appropriated for scholarship	350.00	\$448.29
		<hr/>
Income received during the year		127.14
		<hr/>
Income overdrawn at end of year		\$321.15

CASPAR WISTAR MEMORIAL SCHOLARSHIP FUND

Founded 1920

	PAR VALUE	BOOK VALUE
Amount of fund at beginning of year	\$5,225.00	\$5,125.00
Increased by variation below par of bonds bought	2,240.26	
	<hr/>	
	\$7,465.26	
Decreased by loss on bonds sold	2,186.29	2,173.79
	<hr/>	
Amount of fund at end of year	\$5,278.97	\$2,951.21
	<hr/>	<hr/>
Invested funds	\$4,750.00	\$2,422.24
Uninvested principal	528.97	528.97
	<hr/>	<hr/>
Total fund	\$5,278.97	\$2,951.21
	<hr/>	<hr/>
Income on hand at beginning of year	\$61.24	
Income received during the year	296.31	\$357.55
	<hr/>	
Income used for one scholarship		275.00
		<hr/>
Income on hand at end of year		\$82.55

J. KENNEDY MOORHOUSE SCHOLARSHIP FUND

Founded 1926

	PAR VALUE	BOOK VALUE
Invested funds	\$6,032.32	\$5,202.32
Principal uninvested	42.28	42.28
	<hr/>	<hr/>
Total fund	\$6,074.60	\$5,244.60
	<hr/>	<hr/>
Income on hand at beginning of year	\$4.53	
Income received during the year	352.80	\$357.33
	<hr/>	
Income used for real estate expenses	\$32.66	
Income used for one scholarship	250.00	282.66
	<hr/>	<hr/>
Income on hand at end of year		\$74.67

HAVERFORD COLLEGE

LOUIS JAQUETTE PALMER SCHOLARSHIP FUND

Founded 1928

	PAR VALUE	BOOK VALUE
Invested funds	\$6,044.70	\$5,947.20
Principal overinvested	947.20	947.20
	<hr/>	<hr/>
Total fund	\$5,097.50	\$5,000.00
	<hr/>	<hr/>
Income overdrawn at beginning of year ...	\$17.10	
Income used for real estate expenses	209.61	
Income used for one scholarship	250.00	\$476.71
	<hr/>	<hr/>
Income received during the year		432.97
		<hr/>
Income overdrawn at end of year		\$43.74

PAUL W. NEWHALL MEMORIAL SCHOLARSHIP FUND

Founded 1931

	PAR VALUE	BOOK VALUE
Invested funds	\$3,640.32	\$5,050.32
Principal overinvested	4.72	4.72
	<hr/>	<hr/>
Total fund	\$3,635.60	\$5,045.60
	<hr/>	<hr/>
Income overdrawn at beginning of year ...	\$65.01	
Income used for real estate expenses	86.33	
Income used for one scholarship	100.00	\$251.34
	<hr/>	<hr/>
Income received during the year		233.92
		<hr/>
Income overdrawn at end of year		\$17.42

ROBERT MARTIN ZUCKERT MEMORIAL SCHOLARSHIP FUND

Established 1935

	PAR VALUE	BOOK VALUE
Amount of fund at beginning of year	\$4,750.00	\$4,750.00
Increased by donations by the founder	2,000.00	2,000.00
	<hr/>	<hr/>
Amount of fund at end of year, uninvested.	\$6,750.00	\$6,750.00
	<hr/>	<hr/>
Income on hand at beginning of year	\$98.71	
Income received during the year	218.46	\$317.17
	<hr/>	<hr/>
Income used for one scholarship		175.00
		<hr/>
Income on hand at end of year		\$142.17

TREASURER'S REPORT

SAMUEL E. HILLES ENDOWMENT

Created by Mina Colburn Hilles

Established 1935

	PAR VALUE	BOOK VALUE
Invested funds	\$5,000.00	\$4,950.55
Principal uninvested	49.45	49.45
	<hr/> \$5,049.45	<hr/> \$5,000.00
Income on hand at beginning of year	\$22.88	
Income received during the year	242.06	\$264.94
	<hr/>	
Income appropriated for two scholarships ..		250.00
		<hr/>
Income on hand at end of year		\$14.94

CLASS OF 1913 SCHOLARSHIP FUND

Established 1937

	PAR VALUE	BOOK VALUE
Principal uninvested	\$3,000.00	\$3,000.00
	<hr/>	<hr/>
Income on hand at beginning of year	\$35.00	
Income received during the year	120.00	\$155.00
	<hr/>	
Income appropriated for one scholarship ...		150.00
		<hr/>
Income on hand at end of year		\$5.00

FUNDS FOR THE LIBRARY

ALUMNI LIBRARY FUND

Established by the Alumni Association, 1863

	PAR VALUE	BOOK VALUE
Invested funds	\$20,482.86	\$18,617.25
Principal overinvested	1,182.19	1,182.19
	<hr/>	<hr/>
Total fund	\$19,300.67	\$17,435.06
	<hr/>	<hr/>
Income received during the year		\$756.03
Income used for real estate expenses	\$457.30	
Income appropriated for binding and library expenses	298.73	\$756.03
	<hr/>	

HAVERFORD COLLEGE

MARY FARNUM BROWN LIBRARY FUND

Founded 1892 and added to in 1894, 1913 and 1916

	PAR VALUE	BOOK VALUE
Amount of fund at beginning of year	\$67,286.02	\$65,758.48
Decreased:		
Loss on bonds sold	\$1,050.80	1,048.80
No par stock bought	3,466.38	4,517.18
	<hr/>	<hr/>
	\$62,768.84	\$64,709.68
Increased:		
Variation below par of bonds bought	4,242.50	
Increase in par of bonds exchanged	250.00	
	<hr/>	<hr/>
Amount of fund at end of year	\$67,261.34*	64,709.68
Invested funds	\$65,599.15	\$63,047.49
Principal uninvested	1,662.19	1,662.19
	<hr/>	<hr/>
Total fund	\$67,261.34*	\$64,709.68
	<hr/>	<hr/>
Income overdrawn at beginning of year ...	\$83.84	
Income used for real estate expenses	8.47	
Income appropriated for lecture	100.00	
Income appropriated for books—General ..	2,192.93	
Income appropriated for books—Christian Knowledge	494.51	\$2,879.75
	<hr/>	<hr/>
Income received during the year		2,739.19
		<hr/>
Income overdrawn at end of year		\$140.56

WILLIAM H. JENKS LIBRARY FUND

Founded 1919

	PAR VALUE	BOOK VALUE
Invested funds	\$6,100.00	\$4,997.88
Principal uninvested	2.12	2.12
	<hr/>	<hr/>
Total fund	\$6,102.12	\$5,000.00
	<hr/>	<hr/>
Income overdrawn at beginning of year	\$113.17	
No income or expenditures during year		
Income overdrawn at end of year	113.17	

* This fund also has *no par* stocks, included in above book value at \$9,263.38.

TREASURER'S REPORT

MARY WISTAR BROWN WILLIAMS LIBRARY FUND

Founded 1914

	PAR VALUE	BOOK VALUE
Invested funds	\$20,888.14	\$20,813.14
Principal overinvested	506.40	506.40
Total fund	<u>\$20,381.74</u>	<u>\$20,306.74</u>
Income received during the year		\$1,075.81
Income overdrawn at beginning of year	\$229.46	
Income used for real estate expenses	232.70	
Income appropriated for books, etc.	<u>252.90</u>	715.06
Income on hand at end of year		<u>\$360.75</u>

ANNA YARNALL FUND

Founded 1916

	PAR VALUE	BOOK VALUE
Amount of fund at beginning of year	\$185,976.91	\$178,975.56
Increased:		
Gain on bonds sold and matured		1,640.42
Increase in par of bonds in reorganization.	500.00	
Variation below par of bonds bought	<u>1,570.02</u>	
	\$188,046.93	\$180,615.98
Decreased:		
Loss on bonds sold	\$464.69	431.01
No par stock bought	10,061.50	
Variation above par of securities bought	<u>4,402.82</u>	
	14,929.01	
Amount of fund at end of year	<u>\$173,117.92*</u>	<u>\$180,184.97</u>
Invested funds	\$158,948.41	\$166,015.46
Principal uninvested	<u>14,169.51</u>	14,169.51
Total fund	<u>\$173,117.92*</u>	<u>\$180,184.97</u>
Income received during the year		\$9,762.53
Income used for real estate expenses	\$2,319.08	
Income used for books	1,900.00	
Income used for Library salaries	<u>5,543.45</u>	\$9,762.53

* This fund also has no par stocks, included in above book value at \$5,061.50.

HAVERFORD COLLEGE

F. B. GUMMERE LIBRARY FUND

Founded 1920

	PAR VALUE	BOOK VALUE
Invested funds	\$717.36	\$717.36
Principal overinvested	81.89	81.89
Total fund	<u>\$635.47</u>	<u>\$635.47</u>
Income received during the year		\$52.06
Income overdrawn at beginning of year	\$26.19	
Income used for real estate expenses	18.07	
Income appropriated for books	<u>7.64</u>	<u>51.90</u>
Income on hand at end of year		\$0.16

EDMUND MORRIS FERGUSON, JR., CLASS OF 1920 MEMORIAL FUND

Founded 1920

	PAR VALUE	BOOK VALUE
Invested funds	\$1,009.70	\$1,009.70
Principal overinvested	7.36	7.36
Total fund	<u>\$1,002.34</u>	<u>\$1,002.34</u>
Income received during the year		\$70.32
Income overdrawn at beginning of year	\$2.76	
Income used for real estate expenses	9.80	
Income appropriated for books	<u>44.23</u>	<u>56.79</u>
Income on hand at end of year		\$13.53

CLASS OF 1888 LIBRARY FUND

Established 1938

(This fund is new this year.)

	PAR VALUE	BOOK VALUE
Donations from Class of 1888, all uninvested	<u>\$5,250.00</u>	<u>\$5,250.00</u>
Income received during the year and on hand	\$26.79	\$26.79

TREASURER'S REPORT

FUNDS FOR PENSIONS

PRESIDENT SHARPLESS FUND

Founded 1907

	PAR VALUE	BOOK VALUE
Amount of fund at beginning of year	\$41,275.07	\$41,761.43
Decreased by loss on bonds sold	525.35	524.35
	<u>\$40,749.72</u>	<u>\$41,237.08</u>
Increased by variation below par of bonds bought	2,242.27	
Amount of fund at end of year	\$42,991.99*	\$41,237.08
Invested funds	\$35,509.36	\$33,754.45
Principal uninvested	7,482.63	7,482.63
Total fund	<u>\$42,991.99*</u>	<u>\$41,237.08</u>
Income received during the year		\$2,718.83
Income used for real estate expenses	\$588.31	
Income transferred to Pension Fund Income	<u>2,130.52</u>	<u>\$2,718.83</u>

WILLIAM P. HENSZEY FUND

Founded 1908 by gift. Increased 1908 by legacy

	PAR VALUE	BOOK VALUE
Amount of fund at beginning of year	\$36,694.66	\$36,694.66
Increased in reorganization	200.00	64.00
	<u>\$36,894.66</u>	<u>\$36,758.66</u>
Invested funds	\$37,760.62	\$37,624.62
Principal overinvested	865.96	865.96
Total fund	<u>\$36,894.66</u>	<u>\$36,758.66</u>
Income received during the year		\$2,022.33
Income used for real estate expenses	571.39	
Income transferred to Pension Fund Income	<u>1,450.94</u>	<u>\$2,022.33</u>

* This fund also has *no par* stocks, included in above book value at \$782.60.

HAVERFORD COLLEGE

JACOB P. JONES BENEFIT FUND

*Founded 1909 from proceeds of land sold for account of
Jacob P. Jones Legacy*

	PAR VALUE	BOOK VALUE
Amount of fund at beginning of year	\$70,807.89	\$67,741.89
Increased:		
By gain on bonds sold	434.39	371.89
By variation below par of bonds bought..	486.65	
Amount of fund at end of year	<u>\$71,728.93</u>	<u>\$68,113.78</u>
Invested funds	\$72,268.97	\$68,653.82
Principal overinvested	540.04	540.04
Total fund	<u>\$71,728.93</u>	<u>\$68,113.78</u>
Income received during the year		\$2,631.63
Income used for real estate expenses	\$871.61	
Income transferred to Pension Fund Income	<u>1,760.02</u>	<u>\$2,631.63</u>

PLINY EARLE CHASE MEMORIAL FUND

Founded 1909

	PAR VALUE	BOOK VALUE
Invested funds	\$4,100.00	\$3,206.20
Principal uninvested	66.04	66.04
Total fund	<u>\$4,166.04</u>	<u>\$3,272.24</u>
Income received during the year	\$179.04	
Income transferred to Pension Fund Income	<u>179.04</u>	

HAVERFORD COLLEGE PENSION FUND

*Founded 1910 and added to since from accumulation of unused Income
from the different Pension Funds*

	PAR VALUE	BOOK VALUE
Amount of fund at beginning of year	\$113,466.66	\$112,020.73
Decreased by no par stock bought	3,036.90	
Amount of fund at end of year	<u>\$110,429.76*</u>	<u>\$112,020.73</u>
Invested funds	\$109,980.04	\$111,571.01
Principal uninvested	449.72	449.72
Total fund	<u>\$110,429.76*</u>	<u>\$112,020.73</u>

* This fund also has no par stocks, included in book value above at \$7,196.90.

TREASURER'S REPORT

Income used for real estate expenses	\$1,078.25	
Income appropriated to Old Style Pensions.	18,861.84	\$19,940.09
	<hr/>	
Income received during the year	\$6,170.01	
Income transferred from other Pension funds	5,520.52	11,690.53
	<hr/>	<hr/>
Insufficiency of income from funds charged to general budget		\$8,249.56

FUNDS FOR SPECIAL PURPOSES THOMAS SHIPLEY FUND

Founded 1904

	PAR VALUE	BOOK VALUE
Invested funds	\$1,200.00	\$1,084.90
Principal uninvested	4,163.10	4,163.10
	<hr/>	<hr/>
Total fund	\$5,363.10	\$5,248.00
	<hr/>	<hr/>
Income on hand at beginning of year	684.23	
Income received during the year	215.52	\$899.75
	<hr/>	
Income appropriated for lectures		213.30
		<hr/>
Income on hand at end of year		\$686.45

ELLISTON P. MORRIS FUND

Founded 1906

	PAR VALUE	BOOK VALUE
Invested funds	\$1,000.00	\$927.50
Principal uninvested	199.25	199.25
	<hr/>	<hr/>
Total fund	\$1,199.25	\$1,126.75
	<hr/>	<hr/>
Income on hand at beginning of year	\$227.50	
Income received during the year	7.96	\$235.46
	<hr/>	
Income appropriated for books		38.26
		<hr/>
Income on hand at end of year		\$197.20

HAVERFORD COLLEGE

JOHN B. GARRETT READING PRIZE FUND

Founded 1908

	PAR VALUE	BOOK VALUE
Invested funds	\$600.00	\$600.00
Principal uninvested	17.87	17.87
Total fund	<u>\$617.87</u>	<u>\$617.87</u>
Income on hand at beginning of year	\$382.46	
Income received during the year	<u>24.20</u>	
Income on hand at end of year		\$406.66

SPECIAL ENDOWMENT FUND

Founded 1909

	PAR VALUE	BOOK VALUE
Amount of fund at beginning of year	\$7,147.16	\$9,232.29
Decreased:		
By loss on bonds called		5.22
By no par stock bought	975.97	
	<u>\$6,171.19</u>	<u>\$9,227.07</u>
Increased:		
By variation above par of bond called ...	30.00	
Amount of fund at end of year	<u>\$6,201.19*</u>	<u>\$9,227.07</u>
Invested funds	\$6,000.00	\$9,025.88
Principal uninvested	201.19	201.19
Total fund	<u>\$6,201.19*</u>	<u>\$9,227.07</u>
Income on hand at beginning of year	\$152.10	
Income received during the year	<u>375.85</u>	<u>\$527.95</u>
Income appropriated to Religious Education Committee of Phila. Yearly Meeting	\$200.00	
Income appropriated to Friends' Council on Education	<u>25.00</u>	<u>225.00</u>
Income on hand at end of year		\$302.95

* This fund also has *no par* stock, included in book value above at \$3,699.29.

TREASURER'S REPORT

SCHOLARSHIP IMPROVEMENT PRIZE FUND

Founded 1913

	PAR VALUE	BOOK VALUE
Invested funds	\$2,000.00*	\$2,161.73
Principal overinvested	30.51	30.51
	<hr/>	<hr/>
Total fund	\$1,969.49*	\$2,131.22
	<hr/>	<hr/>
Income on hand at beginning of year	\$42.88	
Income received during year	96.80	\$139.68
	<hr/>	
Income appropriated for prizes:		
1st Prize to William Henry Luden, Jr., '38	\$50.00	
2nd Prize to Hugh Kirk Torrance, '38...	45.00	95.00
	<hr/>	
Income on hand at end of the year		\$44.68

ELIZABETH P. SMITH FUND

Founded 1915

	PAR VALUE	BOOK VALUE
Invested funds	\$1,000.00	\$995.00
Principal uninvested	32.00	32.00
	<hr/>	<hr/>
Total fund	\$1,032.00	\$1,027.00
	<hr/>	<hr/>
Income on hand at beginning of year	\$666.70	
Income received during the year	45.38	\$712.08
	<hr/>	
Income appropriated for prize:		
William Norman Fraleigh, '38		35.00
		<hr/>
Income on hand at end of the year		\$677.08

S. P. LIPPINCOTT HISTORY PRIZE FUND

Founded 1917

	PAR VALUE	BOOK VALUE
Value of funds, all invested	\$2,500.00	\$2,546.88
	<hr/>	<hr/>
Income on hand at beginning of year	\$158.42	
Income received during the year	96.75	\$255.17
	<hr/>	
Income appropriated for books		94.52
		<hr/>
Income on hand at end of year		\$160.65

* This fund also has no par stock, included in book value above at \$216.39.

HAVERFORD COLLEGE

FRANCIS STOKES FUND

Founded 1919

	PAR VALUE	BOOK VALUE
Invested funds	\$5,264.84	\$5,264.84
Principal overinvested	144.54	144.54
Total fund	<u>\$5,120.30</u>	<u>\$5,120.30</u>
Income on hand at beginning of year	\$714.50	
Income received during year	496.98	\$1,211.48
Income used for real estate expenses		166.58
Income on hand at end of year		<u>\$1,044.90</u>

GEORGE PEIRCE PRIZE FUND

Founded in 1919. Increased in 1920

	PAR VALUE	BOOK VALUE
Amount of fund at beginning of year	\$1,886.61	\$1,886.61
Increased:		
Income transferred to principal	25.28	25.28
Amount of fund at end of year uninvested..	<u>\$1,911.89</u>	<u>\$1,911.89</u>
Income received during year		\$75.28
Income appropriated for prize to George Peirce, '38	\$50.00	
Income transferred to principal	25.28	\$75.28

LYMAN BEECHER HALL PRIZE FUND

Founded 1924

	PAR VALUE	BOOK VALUE
Invested funds	\$2,000.00	\$2,000.00
Principal uninvested	155.00	155.00
Total fund	<u>\$2,155.00</u>	<u>\$2,155.00</u>
Income on hand at beginning of year	\$201.65	
Income received during the year	104.20	\$305.85
Income appropriated for prize in Chemistry to Laurence Goddard Wesson, Jr., '38 ...		100.00
Income on hand at end of year		<u>\$205.85</u>

TREASURER'S REPORT

NEWTON PRIZE FUND

Founded 1924

	PAR VALUE	BOOK VALUE
Invested funds	\$60.00	\$1,337.29
Uninvested principal	60.46	60.46
Total fund	<u>\$120.46*</u>	<u>\$1,397.75</u>
Income on hand at beginning of year	\$299.62	
Income received during the year	<u>153.98</u>	\$453.60
Income appropriated for books		198.27
Income on hand at end of year		<u>\$255.33</u>

EDWARD B. CONKLIN ATHLETIC FUND

Founded 1925. Increased 1926-1929

	PAR VALUE	BOOK VALUE
Invested funds	\$2,449.76	\$2,542.76
Principal overinvested	<u>142.76</u>	<u>142.76</u>
Total fund	<u>\$2,307.00</u>	<u>\$2,400.00</u>
Income received during the year		\$122.31
Income used for real estate expenses	\$96.47	
Income appropriated for athletic expenses ..	<u>25.84</u>	\$122.31

ARBORETUM FUND

Founded 1928

	PAR VALUE	BOOK VALUE
Amount of fund at beginning of year	\$5,842.50	\$5,000.00
Decreased by loss on bonds sold	<u>414.75</u>	<u>412.25</u>
	\$5,427.75	\$4,587.75
Increased by variation below par of bonds bought	<u>425.56</u>	
Amount of fund at end of year	<u>\$5,853.31</u>	<u>\$4,587.75</u>
Invested funds	\$5,750.00	\$4,484.44
Uninvested principal	<u>103.31</u>	<u>103.31</u>
Total fund	<u>\$5,853.31</u>	<u>\$4,587.75</u>

* This fund also has *no par* stocks, included in book value above at \$845.37.

HAVERFORD COLLEGE

Income on hand at beginning of year	\$239.16	
Income received during year	237.99	
Income on hand at end of year		\$477.15

WILLIAM ELLIS SCULL PRIZE FUND

Founded 1929

	PAR VALUE	BOOK VALUE
Amount of fund, uninvested	\$2,000.00	\$2,000.00
Income overspent at beginning of year	\$94.97	
Income appropriated for prize in Public Speaking to Henry B. Cox, '38	50.00	\$144.97
Income received during the year		65.11
Income overspent at end of year		\$79.86

C. WHARTON STORK ART FUND

(Not included in the totals of the funds)

	PAR VALUE	BOOK VALUE
Donation of securities by founder, C. Whar- ton Stork in 1930		\$69,000.00
Pending the realization on this stock, \$45,800 has been borrowed to purchase the following paintings:		
"November" by Innes		
"Thomas Carlyle" by Whistler		
"Simplon Pass" by Sargent		
"Nassau" by Homer		
These pictures are temporarily hung in the Pennsylvania Museum of Art.		
Income on hand at beginning of year		0
Income received during the year	\$196.00	
Interest charged to Interest Account on budget	1,636.00	
Amount of interest on overdraft		\$1,832.00

TREASURER'S REPORT

PAUL D. I. MAIER FUND

Established 1936

	PAR VALUE	BOOK VALUE
Amount of fund, uninvested	\$1,000.00	\$1,000.00
Income received during the year		\$40.00
1896 Prize in Latin to John Tiernan Sharkey, '40	\$10.00	
1896 Prize in Mathematics to Charles James Swift, '40	10.00	
Income appropriated for general expenses ..	20.00	\$40.00

STRAWBRIDGE OBSERVATORY MAINTENANCE FUND

Established 1937

	PAR VALUE	BOOK VALUE
Amount of fund at beginning of year	\$5,627.37	\$5,627.37
Decreased by payment on account of Astro- graphic Camera	610.00	610.00
Amount of fund at end of year, uninvested.	\$5,017.37	\$5,017.37
Income overspent at beginning of year	\$84.79	
Income spent at Observatory for special maintenance expenses	154.67	\$239.46
Income received during the year		224.47
Income overdrawn at end of year		\$14.99

HAVERFORD COLLEGE

SUMMARY OF THE FUNDS

EIGHTH MONTH 31, 1938

Funds for General Purposes:

	PAR VALUE	BOOK VALUE
General Endowment Fund	\$104,692.00	\$96,995.14
John Farnum Memorial Fund	42,700.45	41,447.71
John M. Whitall Fund	11,087.59	10,565.09
David Scull Fund	48,941.08	44,806.59
Edward L. Scull Fund	9,128.93	11,364.35
Wistar Morris Memorial Fund	5,281.74	5,144.24
Israel Franklin Whitall Fund	11,141.37	10,727.32
Jacob P. Jones Endowment Fund	1,250,507.60	1,300,323.09
John Farnum Brown Fund	289,055.40	275,048.12
Ellen Wain Fund	12,238.10	11,117.10
Clementine Cope Endowment Fund	25,784.49	21,493.67
Nathan Branson Hill Fund (Held by First Na- tional Bank & Trust Co., Minneapolis, Minn.)	4,987.34	5,095.86
Joseph E. Gillingham Fund	42,120.61	46,799.46
Henry Norris Fund	6,069.76	5,858.70
Elizabeth H. Farnum Fund (Provident Trust Co. Trustees)	10,211.69	10,220.00
James R. Magee Fund	42,501.27	44,618.88
Albert K. Smiley Fund	1,517.50	1,500.00
Hinchman Astronomical Fund	37,625.24	39,505.48
W. D. and E. M. L. Scull Fund	122,967.30	174,512.81
Albin Garrett Memorial Fund	36,558.75	26,771.00
Arnold Chase Scattergood Memorial Fund ..	26,566.06	24,381.59
Francis B. Gummere Memorial Fund	121,582.24	125,291.26
Isaac Sharpless Memorial Fund	223,024.88	218,728.43
General Education Board Fund	119,120.26	125,303.84
Centenary Fund	750.00	240.00
William Penn Foundation	91,728.73	102,077.27
Walter Carroll Brinton Memorial Fund	14,359.42	14,108.65
Corporation Fund	37,127.75	80,010.00
Elizabeth J. Shortridge Fund	10,938.00	10,000.00
Howard Comfort Memorial Fund	5,051.95	5,000.00
Emma Ridgway Comly Fund	21,279.06	50,000.00
Forward	\$2,786,646.56	\$2,939,055.65

TREASURER'S REPORT

Forward	\$2,786,646.56		\$2,939,055.65
Ellen W. Longstreth Fund	97,889.57		111,008.09
Albert L. Baily Fund	5,000.00		5,000.00
Elizabeth B. Wistar Warner Fund	57.46		4,950.00
T. Allen Hilles Bequest	114,762.20		292,460.94
Leonard L. Grief, Jr., and Roger L. Grief Fund (New)	1,000.00		1,000.00
Edward M. Wistar Fund (New)	475.40	\$3,005,831.19	2,500.00 \$3,355,974.68
<i>Fund for Thomas Wistar Brown Graduate School:</i>			
Moses Brown Fund		366,502.62	346,725.04
<i>Funds for Morris Infirmary:</i>			
Infirmary Endowment Fund	9,750.94		9,653.44
John W. Pinkham Fund	5,499.50	15,250.44	5,059.50 14,712.94
<i>Fund for Haverford Union:</i>			
Haverford Union Fund		2,212.32	1,878.82
<i>Funds for Scholarships:</i>			
Thomas P. Cope Fund	4,244.69		5,247.82
Edward Yarnall Fund	5,719.33		6,069.23
Isaiah V. Williamson Fund	22,791.56		19,817.40
Richard T. Jones Scholarship Fund	5,896.25		5,056.25
Mary M. Johnson Scholarship Fund	7,614.55		7,023.61
Sarah Marshall Scholarship Fund	7,095.83		7,910.76
Clementine Cope Fellowship Fund	26,270.77		22,845.86
Isaac Thorne Johnson Scholarship Fund	8,005.94		7,802.94
Caspar Wistar Memorial Fund	5,278.97		2,951.21
J. Kennedy Moorhouse Scholarship Fund	6,074.60		5,244.60
Louis Jacquette Palmer Scholarship Fund	5,097.50		5,000.00
Paul W. Newhall Memorial Scholarship Fund	3,635.60		5,045.60
Robert Martin Zuckert Memorial Scholarship Fund	6,750.00		6,750.00
Class of 1913 Scholarship Fund	3,000.00		3,000.00
Samuel E. Hilles Scholarship Fund	5,049.45	122,525.04	5,000.00 114,765.28
Forward		\$3,512,321.61	\$3,834,056.76

HAVERFORD COLLEGE

	PAR VALUE	BOOK VALUE
Forward	\$3,512,321.61	\$3,834,056.76
<i>Funds for the Library:</i>		
Alumni Library Fund	19,300.67	17,435.06
Mary Farnum Brown Library Fund	67,261.34	64,709.68
William H. Jenks Library Fund	6,102.12	5,000.00
Mary Wistar Brown Williams Library Fund	20,381.74	20,306.74
Anna Yarnall Fund	173,117.92	180,184.97
F. B. Gummere Library Fund	635.47	635.47
Edmund Morris Fergusson, Jr., Memorial Fund	1,002.34	1,002.34
Class of 1888 Library Fund (New)	5,250.00	5,250.00
	293,051.60	294,524.26
<i>Funds for Old Style Pensions:</i>		
President Sharpless Fund	42,991.99	41,237.08
William P. Henszey Fund	36,894.66	36,758.66
Jacob P. Jones Benefit Fund	71,728.93	68,113.78
Pliny Earle Chase Memorial Fund	4,166.04	3,272.24
Haverford College Pension Fund	110,429.76	112,020.73
	266,211.38	261,402.49
<i>Funds for Special Purposes:</i>		
Thomas Shipley Fund	5,363.10	5,248.00
Elliston P. Morris Fund	1,199.25	1,126.75
John B. Garrett Reading Prize Fund	617.87	617.87
Special Endowment Fund	6,201.19	9,227.07
Scholarship Improvement Prize Fund	1,969.49	2,131.22
Elizabeth P. Smith Fund	1,032.00	1,027.00
S. P. Lippincott History Prize Fund	2,500.00	2,546.88
Francis Stokes Fund	5,120.30	5,120.30
George Peirce Prize Fund	1,911.89	1,911.89
Lyman Beecher Hall Prize Fund	2,155.00	2,155.00
Newton Prize Fund	120.46	1,397.75
Edward B. Conklin Athletic Fund	2,307.00	2,400.00
Arboretum Fund	5,853.31	4,587.75
William Ellis Scull Prize Fund	2,000.00	2,000.00
Paul D. I. Maier Fund	1,000.00	1,000.00
Strawbridge Observatory Maintenance Fund	5,017.37	5,017.37
	44,368.23	47,514.85
TOTAL OF ALL FUNDS	\$4,115,952.82	\$4,137,498.36

TREASURER'S REPORT

The Fair Value of the Funds is \$64,869.17 less than reported one year ago, as follows:

Centenary Fund Donations used for current year	\$7,700.00
No Par Stocks bought and corrected (\$10,000)	67,664.92
No Par Stock received in exchange in reorganization	1,000.00
Reduction of bonds received in exchange in reorganization	250.00
Spent on a/c camera from Strawbridge Observatory Maintenance Fund.	610.00
Variation below par of bonds sold	35,605.89
Variation above par of bonds bought	222.53
Variation above par of stocks bought	13,599.65
	<u>\$126,652.99</u>

Less:

Donations and Bequests	\$26,234.27
Income transferred to Principal	2,553.38
Gains on bonds called	650.00
Gains on bonds sold	1,334.21
Gains on bonds in reorganization	5,840.00
Amortization of Principal in Hill Fund (First National Bank & Trust Co., Minneapolis, Minn.)	17.50
Liquidation of investment not previously valued	.50
Variation below par of securities bought	25,153.96
	<u>61,783.82</u>
	<u>\$64,869.17</u>

The Book Value of the Funds is \$7,939.33 more than reported one year ago, as follows:

Gain in Book Value:

Donations and Bequests	\$26,234.27
Income transferred to Principal	2,553.38
Gains on bonds called	4,558.28
Gains on bonds matured	167.70
Gains on bonds sold	2,497.06
Gains on bonds in reorganization	520.54
	<u>\$36,531.23</u>

Less:

Centenary Fund Donations used for current year	\$7,700.00
Spent on a/c camera from Strawbridge Observatory Maintenance Fund.	610.00
Losses on bonds called	22.72
Losses on bonds sold	17,412.90
Losses on securities through reorganization	2,846.28
	<u>28,591.90</u>
	<u>\$7,939.33</u>

INVESTMENT CLASSIFICATION

The Funds on 8th Month 31, 1938, were invested at *Book Values* as follows:

		%
Bonds	\$1,620,331.24	36.5
Mortgages	738,769.27	16.6
Real Estate	723,567.82	16.3
College Lane Real Estate	201,500.00	4.5
Oakley House	8,722.08	
Perpetual Insurance	46,035.27	1.4
Preferred Stock with Par	\$169,083.93	6.2
Preferred Stock no Par	109,442.10	
Common Stock with Par	278,526.03	
Common Stock no Par	677,896.77	15.3
Cash	142,149.88	3.2
Less overinvested	\$4,437,498.36	100.0

HAVERFORD COLLEGE

TREASURER'S REPORT

AUDITORS' REPORT

WRIGHT, CARMINT & COMPANY

Accountants and Auditors
1530 Chestnut Street
Philadelphia, Pa.

Rittenhouse 3826
3827

Roy A. Wright, C. P. A.
William H. Carmint

October 7, 1938.

*Mr. William A. Battey, Chairman,
Committee on Accounts,
The Corporation of Haverford College,
Haverford, Penna.*

Dear Sir :

We have completed an examination of the accounts of your Treasurer, J. Henry Scattergood, for the fiscal year ended August 31st, 1938.

Cash balances were verified by direct correspondence with your depository. The securities held by the Provident Trust Company of Philadelphia were examined by us, while those held by the Girard Trust Company and the First National Bank and Trust Company, Minneapolis, Minnesota, were certified to us by them and found to be in accordance with the Treasurer's report.

In our opinion, the accompanying statements set forth the result of operation of The Corporation of Haverford College for the fiscal year ended August 31st, 1938.

Very truly yours,

WRIGHT, CARMINT & COMPANY
(Signed) Roy A. Wright,
Certified Public Accountant.

DONATIONS

DONATIONS FOR ADDITIONS TO THE FUNDS

<i>James R. Magee Fund:</i>		
Additional from Executor	\$250.00	
<i>Ellen W. Longstreth Fund:</i>		
Additional from Executor	73.33	
<i>T. Allen Hilles Bequest:</i>		
Additional from Executor	7,460.94	
<i>Leonard L. Grief and Roger L. Grief Fund (New):</i>		
Leonard L. Grief, '34, and Roger L. Grief, '37.	1,000.00	
<i>Edward M. Wistar Fund (New):</i>		
Edward M. Wistar, Class of 1872	2,500.00	
<i>Robert Martin Zuckert Memorial Scholarship Fund:</i>		
Additional from Harry M. Zuckert	2,000.00	
<i>Class of 1888 Library Fund (New):</i>		
Morris E. Leeds	\$5,000.00	
William Draper Lewis	100.00	
Joseph W. Sharp, Jr.	100.00	
Anne T. Hilles—in memory of Joseph T. Hilles	25.00	
Margaret H. H. Johnson—in memory of J. Esrey Johnson	25.00	5,250.00
		\$18,534.27

DONATIONS FOR CURRENT PURPOSES

<i>For Prizes:</i>		
Class of 1902, S. Percy Jones, Secre- tary, for Latin Prize	\$10.00	
Class of 1910, Harrison S. Hires, Jr., Treasurer, for Poetry Prize (2 yrs.)	50.00	\$60.00
<i>For Books:</i>		
From Matzke Royalties	56.81	
<i>For Prof. Kelsey's Portrait and for Books:</i>		
Class of 1918 Gift, Neil Gilmour, Treasurer ..	1,753.52	
<i>For Radio Club:</i>		
Interest added	56.80	
<i>For Scholarships:</i>		
New England Alumni, F. B. Gum- mere, II, Treasurer	\$300.00	
W. S. Carpenter	575.00	
Charles J. Rhoads	75.00	
Frederic H. Strawbridge	100.00	
Forward	\$1,050.00	\$1,927.13

DONATIONS

Forward	\$1,050.00	\$1,927.13	
Henry W. Stokes	50.00		
J. Henry Scattergood	25.00		
Triangle Society, C. F. Berlinger, Treasurer	112.50		
Beta Rho Sigma Society, H. A. Yerkes, Treasurer	112.50	1,350.00	
<hr/>			
<i>For Campus Club:</i>			
(See list below)		521.00	
<i>For Bird Sanctuary:</i>			
Edward W. Woolman		392.75	
<i>For Care of Cope Field:</i>			
A. G. Scattergood, Treasurer		50.00	
<i>For Beth Shemesh Exploration Fund:</i>			
Dr. Elihu Grant		2,000.00	
<i>For Publication of Thesis for Library:</i>			
Parker S. Williams		161.00	
<i>For Furnishing of Alumni Room as a Student Room:</i>			
Class of 1938, W. Whittier, Treasurer		200.00	
<i>For Roberts Hall Improvements:</i>			
Mrs. Helen C. Warden		200.00	
<i>For General Purposes:</i>			
Dr. O. H. Foerster	\$50.00		
Dr. H. S. Arthur	100.00	150.00	
<hr/>			
			\$6,951.88
<i>For Campus Club:</i>			
Mrs. E. P. Allinson		\$5.00	
William K. Alsop, Jr.		1.00	
Howard A. Andrews		1.00	
Dr. and Mrs. James A. Babbitt		5.00	
Mrs. Henry L. Balderston		1.00	
Wilfred Bancroft		5.00	
T. Ellis Barnes		5.00	
Mrs. Richard L. Barrows		1.00	
Daniel B. Boyer		2.00	
Oscar M. Chase		5.00	
Mr. and Mrs. Rowland C. Cocks		2.00	
Mr. and Mrs. W. H. Collins		5.00	
President and Mrs. W. W. Comfort		2.00	
A. C. Dickson		1.00	
H. A. Dominovich		1.00	
Henry S. Drinker, Jr.		5.00	
Mr. and Mrs. Emmett R. Dunn		2.00	
Mrs. Sydney B. Dunn		10.00	
Charles Evans		5.00	
Edward W. Evans		2.00	
<hr/>			
Forward			\$66.00

HAVERFORD COLLEGE

Forward	\$66.00
Francis C. Evans	1.00
William T. Ferris	5.00
Mr. and Mrs. John S. Garrigues	2.00
Mr. and Mrs. Henry V. Gummere	2.00
Mr. and Mrs. John F. Gummere	2.00
Richard M. Gummere	1.00
Marshall C. Guthrie, Jr.	1.00
Mr. and Mrs. Alfred W. Haddleton	2.00
Mrs. Charles S. Hinchman	5.00
Clayton W. Holmes	1.00
Mrs. Alba B. Johnson	5.00
Lewis Jones	5.00
Mr. and Mrs. Wilmot R. Jones	2.00
John A. Kelly	3.50
Mrs. Rayner W. Kelsey	2.00
C. Prescott Knight, Jr.	1.00
Arthur N. Leeds	5.00
Morris E. Leeds	25.00
M. Albert Linton, Jr.	2.00
John C. Lober	5.00
Mr. and Mrs. Dean P. Lockwood	2.00
Mr. and Mrs. W. B. Meldrum	2.00
Walter Mellor	5.00
Robert E. Miller	2.00
Walter L. Moore	1.00
C. C. Morris	10.00
Marriott C. Morris	5.00
William P. Morris	5.00
John W. Muir	1.00
George Norris, Jr.	1.00
Cletus O. Oakley	1.00
Mr. and Mrs. Frederic Palmer	2.00
Dr. Thomas Parke	2.00
Mr. and Mrs. L. Arnold Post	2.00
Mr. and Mrs. G. Ruhland Rebman	20.00
Mr. and Mrs. Legh W. Reid	2.00
Mr. and Mrs. William Reitzel	2.00
Charles S. Ristine	5.00
Mr. and Mrs. Leon H. Rittenhouse	2.00
Arthur S. Roberts	1.00
Mr. and Mrs. Anthony W. Robinson	5.00
Miss Lilian A. Ross	1.00
Alfred G. Scattergood	5.00
J. Henry Scattergood	5.00
Albert L. Scott, Jr.	1.00
Dr. Frederic C. Sharpless	5.00
Mr. and Mrs. A. K. Smiley	10.00
Albert K. Smiley, Jr.	1.00
Forward	\$249.50

DONATIONS

Forward	\$249.50
Daniel Smiley, Jr.	20.00
Horace E. Smith	10.00
Jonathan M. Steere	10.00
Henry W. Stokes	5.00
Abram G. Tatnall	2.00
Francis R. Taylor	1.00
Mrs. E. O. Warner	1.00
Mrs. Henry S. Williams	2.00
Alexander J. Williamson	1.00
William M. Wills	1.00
Mr. and Mrs. Albert H. Wilson	5.00
Thomas Wistar	1.00
Edward M. Wistar	5.00
Mr. and Mrs. Edward Woolman	10.00
Gifford K. Wright	5.00
William S. Yarnall	1.00
	<hr/>
	\$329.50
Sale of Plants and Trees	67.50
Sale of Rhododendrons	24.00
Bequest from James D. Krider	100.00
	<hr/>
	\$521.00

For Centenary Fund

fiscal year ending August 31st, from the following classes and a friend of the College:

Class of 1887	1 member	\$1,200.00
Class of 1888	1 member	5,000.00
Class of 1893	1 member	250.00
Class of 1895	1 member	100.00
Class of 1906	2 members	125.00
Class of 1913	3 members	175.00
Class of 1914	1 member	50.00
Class of 1916	1 member	20.00
Class of 1920	1 member	90.00
Class of 1924	1 member	12.00
Class of 1925	1 member	25.00
Class of 1927	1 member	10.00
Class of 1929	1 member	25.00
Class of 1931	1 member	30.00
Class of 1933	2 members and add. Class Fund	59.00
Class of 1934	3 members	27.00
Class of 1935	1 member	2.00
A Friend		500.00
		<hr/>
Total		\$7,700.00

HAVERFORD COLLEGE

REPORT OF HAVERFORD COLLEGE LOAN FUND

ESTABLISHED 1926

Report No. 12

August 31, 1938

Current Year, 1937-1938

Cash balance on hand, August 31, 1937	\$8,780.82
27 loans repaid during year	3,917.50
17 part payments on loans during year	1,011.10
Interest received during year	710.78
Remainder of funds in Merion Title & Trust Co.	715.00

\$15,135.20

Repayment to Corporation	\$3,000.00
36 loans to students during year	5,477.50
Funds in Merion Title & Trust Co.	715.00

9,192.50

Cash balance on hand, August 1, 1938	\$5,942.70
141 loans outstanding, August 1, 1938	25,050.85

Total resources, August 31, 1938

\$30,993.55

Total to August 31, 1938

Appropriations from Jacob P. Jones Endowment Fund ...	\$20,812.04
Donation from Class of 1911	641.30
Donation from Class of 1929	350.27
Donation from A. R. Katz	500.00
Donation from Class of 1927	900.00
Donation from Class of 1908	1,507.96
Gift from C. C. Morris	50.00
158 loans repaid	23,211.65
142 part payments	5,058.03
Interest received	6,570.61
1st payment of Merion Title & Trust Co. 2/28/33)	\$42.06
2nd payment of Merion Title & Trust Co. (1/4/35)	84.12

126.18

Total receipts

\$59,728.04

Repayment to Corporation	\$3,000.00
Loans made	49,042.50
Repayment of donation, Class of 1927	900.00
Funds in Merion Title & Trust Co.	841.18
Check tax	1.66

53,785.34

Cash balance, August 31, 1938	\$5,942.70
141 loans outstanding, August 31, 1938	25,050.85

Total resources, August 31, 1938

\$30,993.55

ENDOWMENT FUNDS

FUNDS FOR GENERAL PURPOSES

GENERAL ENDOWMENT FUND

Founded in 1847 with subscriptions of \$50,000 by a number of Friends. Additions were made as follows: 1868, from an anonymous source, \$5,000; 1869, bequest of Ann Haines to increase the compensation of professors, \$2,670; 1870, bequest of Richard D. Wood, \$18,682.96; 1872, from William Evans, \$1,000; 1874, from executors of Jesse George, deceased, \$5,000; 1880, bequest of Dr. Joseph W. Taylor, \$5,000; 1901, legacy of Ann Williams, \$2,425.50. Present par value, \$104,692.00; book value, \$96,995.14. The income is used for salaries and scholarships.

JOHN FARNUM MEMORIAL FUND

Founded in 1878 by the heirs of John Farnum by gift of \$25,000 as a memorial to him. Added to in 1899 by legacy of \$10,000 from Elizabeth H. Farnum, widow of John Farnum. Present par value, \$42,700.45; book value, \$41,447.71. The income only is to be used to endow a "professorship of some practical science or literature." The chair of chemistry was designated as the "John Farnum Professor of Chemistry." The principal is held in the name of three Trustees for the benefit of The Corporation of Haverford College.

JOHN M. WHITALL FUND

Founded in 1880 by bequest of \$10,000 from John M. Whitall, Sr. Present par value, \$11,087.59; book value, \$10,565.09. The bequest is upon the condition that the art of drawing, especially mechanical drawing, shall be taught, and the income only is to be used and for this purpose.

DAVID SCULL FUND

Founded in 1885 by bequest of \$40,000 from David Scull, Sr. Present par value, \$48,941.08; book value, \$44,806.59. The income only is to be used to endow a professorship. The chair of biology was designated as the "David Scull Professor of Biology."

EDWARD L. SCULL FUND

Founded in 1865 by net bequest of \$9,500 from Edward L. Scull, '64. The legacy was added to the General Endowment Fund, but in 1888 it was set apart as a separate fund. Present par value, \$9,128.93; book value, \$11,364.35. The income only is to be used. The bequest is free from any legally binding conditions, but it was the testator's desire "that some judicious means shall be employed by the Managers to further advise students on the subjects of diet and reading."

HAVERFORD COLLEGE

WISTAR MORRIS MEMORIAL FUND

Founded in 1892 by gift of \$5,000 in bonds by Mary Morris, widow of Wistar Morris, as a memorial to him. Present par value, \$5,281.74; book value, \$5,144.24. There are no restrictions. The income is used for general college purposes.

ISRAEL FRANKLIN WHITALL FUND

Founded in 1896 by net legacy of \$9,667.83 from Israel Franklin Whittall. Present par value, \$11,141.37; book value, \$10,727.32. The income only is to be used for the payment of professors or teachers.

JACOB P. JONES ENDOWMENT FUND

Founded in 1897 by residuary legacy of Jacob P. Jones. This amounted when received to par value of \$279,021.60; book value, \$332,301.60, and sundry real estate. The real estate has all been sold, netting \$847,709.92. Present par value of the fund, \$1,250,507.60; book value, \$1,300,323.09. The income only is to be used for general college purposes, and out of said income there shall be admitted a portion at least of the students either free of charge or at reduced rates. In accordance with this provision, about \$7,100 per annum is used for scholarships, and the balance of income for general college purposes. Jacob P. Jones' will contains the following: "My hope is that under the blessing and favor of God there will come from this source a revenue which shall be productive of growth and vigor in the institution as well as help at this critical period of their lives to many deserving young men of slender patrimony."

JOHN FARNUM BROWN FUND FOR THE STUDY OF THE BIBLE, BIBLICAL HISTORY AND LITERATURE, PHILOSOPHY, AND KINDRED SUBJECTS

Founded in 1900 by the late T. Wistar Brown as a memorial to his son, John Farnum Brown, '93. The original gift was in cash and securities of a par value of \$43,000, shortly afterwards increased by further gifts of \$15,000. The founder made further gifts of cash and securities until 1915, the total being \$19,381 cash and \$48,500 par of securities with book value of \$41,490. His total gifts therefore had a book value of \$234,970.81. Of this, \$5,000 donated in 1910 is for endowment of prizes in Biblical History and in Philosophy. A portion of the income is capitalized each year to keep intact the full value of the fund. Present par value, \$289,055.40; book value, \$275,048.12. The income only is to be used for the purpose of making provision for the regular study of the Bible and Biblical History and Literature, and as way opens for religious teaching. In 1910, the scope and title of the Fund were enlarged to include "and Philosophy and Kindred Subjects." Income up to \$200 may be used for prizes in Biblical Literature and Philosophy.

ELLEN WALN FUND

Founded in 1900 by legacy of \$10,000 from Ellen Waln. Present par value, \$12,238.10; book value, \$11,117.10. There are no restrictions. The income is used for general college purposes.

ENDOWMENT FUNDS

CLEMENTINE COPE ENDOWMENT FUND

Founded in 1904 by bequest of \$25,000 from Clementine Cope. Present par value, \$25,784.49; book value, \$21,493.67. There are no restrictions. The income is used for general college purposes.

NATHAN BRANSON HILL TRUST

Founded in 1904 by deposit with First National Bank and Trust Co., Minneapolis, Minn., trustee, of a paid-up life insurance policy for \$5,000 by Samuel Hill, '78, being in memory of his father, Nathan Branson Hill. The income is to be used to aid the maintenance of Haverford College so long as it shall remain under the auspices of the Society of Friends. In 1931, Samuel Hill died and the policy realized \$5,039. Present par value, \$4,987.34; book value, \$5,095.86.

JOSEPH E. GILLINGHAM FUND

Founded in 1907 by bequest of \$50,000 from Joseph E. Gillingham. Present par value, \$42,120.61; book value, \$46,799.46. The testator said, "I request, but I do not direct, that part of the income of this legacy may be used for free scholarships for meritorious students." In accordance with this request, \$800 is appropriated annually from the income for scholarships, the balance being used for general college purposes.

HENRY NORRIS FUND

Founded in 1907 by bequest of \$5,000 from Henry Norris. Present par value, \$6,069.76; book value, \$5,858.70. There are no restrictions. The income is used for general college purposes.

ELIZABETH H. FARNUM FUND

Founded in 1891. The original principal of this fund, amounting to \$10,000, is held by the Provident Trust Co. of Philadelphia under a deed of trust created by Elizabeth H. Farnum. The first income accrued to the College in 1914. Present par value, \$10,211.69; book value, \$10,220. There are no restrictions to the use of the income, and same is applied to general college purposes.

JAMES R. MAGEE FUND

Founded in 1915 by bequest of \$10,000 from James R. Magee, '59, and added to in 1925, 1926, 1928, 1929, 1930, 1931, 1932, 1936, and 1937, by additional payments of \$29,182.84, \$1,694.84, \$499.31, \$499.68; \$488.85, \$207.33, \$400, and \$250 under his legacy. Present per value, \$42,501.27; book value, \$44,618.88. There are no restrictions except that the income only is to be used. This is applied to general college purposes.

HAVERFORD COLLEGE

ALBERT K. SMILEY FUND

Founded in 1915 by gift of \$1,000 from Daniel Smiley, '78, as a memorial to his brother, Albert K. Smiley, '49, and added to in 1924 and 1926. Present par value, \$1,517.50; book value, \$1,500. There are no restrictions except that preference was expressed that the income only should be used. This is applied to general college purposes.

THE HINCHMAN ASTRONOMICAL FUND

Founded in 1917 by bequest of \$10,000 par value securities from Charles S. Hinchman. Increased in 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, and 1936 by donations of \$28,926.95 from a friend of the College. Present par value, \$37,625.24; book value, \$39,505.48. The income only to be used "to increase the salary of the astronomical professorship so as to provide a suitable instructor in the ennobling study of the heavens."

WALTER D. AND EDITH M. L. SCULL FUND

Founded in 1918 by bequest of Walter D. Scull, whose death followed shortly after the death of his sister, Edith M. L. Scull. Each left his or her estate to the other, unless predeceased; in this latter case both American estates were left to Haverford College. Both were children of Gideon D. Scull, '43, and resided in England. Income accumulated before the receipt of the fund by the College amounted to \$16,887.66, of which \$15,078.51 was added to the principal of the fund. Present par value, \$122,967.30; book value, \$174,512.81. The fund was created to establish a professorship of modern English constitutional history, and the chair has been designated as the Walter D. and Edith M. L. Scull Professorship of History.

ALBIN GARRETT MEMORIAL FUND

Founded in 1919 by legacy of \$25,000 from Mary Hickman Garrett, in memory of her late husband, Albin Garrett, '64. Present par value, \$36,558.75; book value, \$26,771.00. There are no restrictions. The income is used for general college purposes.

ARNOLD CHASE SCATTERGOOD MEMORIAL FUND

Founded in 1919 by gift of \$30,000 in securities from Maria Chase Scattergood in memory of her son, Arnold Chase Scattergood, of the Class of 1919, who died in his Junior year. Present par value, \$26,566.06; book value, \$24,381.59. The income only is to be used toward the payment of professors' salaries. Should Haverford at any time in the future give instruction or offer courses in Military Training, the fund must be surrendered to Committee on Education of Yearly Meeting of Friends of Philadelphia.

ENDOWMENT FUNDS

FRANCIS B. GUMMERE MEMORIAL FUND

Founded in 1920. This fund was started by a gift of \$25,000 from the late Miss Emily H. Bourne, of New York, conditional upon the raising of \$100,000 additional for an endowment of the Chair of English Literature in memory of her friend, Professor Francis Barton Gummere. A committee of alumni, consisting of J. Stogdell Stokes, '89, chairman; E. R. Tatnall, '07, treasurer; Hans Froelicher, '12, secretary; Charles J. Rhoads, '93; Alfred M. Collins, '97; Winthrop Sargent, Jr., '08, and Parker S. Williams, '94, working with President Comfort, organized a comprehensive campaign among the alumni and friends of the College to raise \$375,000 for this purpose and for increase of professors' salaries; the first \$100,000 of unspecified gifts was used to complete the Francis B. Gummere Memorial Fund to at least \$125,000, and the balance comprised the Isaac Sharpless Memorial Fund. Total par value, \$121,582.24; book value, \$125,291.26.

ISAAC SHARPLESS MEMORIAL FUND

Founded in 1920. The alumni of the College conducted during 1920 a campaign for \$375,000 additional endowment for the College to make possible additional salaries to the professors. Appeal was made to found two new funds, the Francis B. Gummere Memorial Fund and the Isaac Sharpless Memorial Fund. The funds received, except where otherwise specified, were first applied to the completion of the former up to \$125,000 (see above). Specified gifts and donations thereafter received were then applied to the Isaac Sharpless Memorial Fund. The income only is to be used for salaries of professors. Total par value, \$223,024.88; book value, \$218,728.43.

GENERAL EDUCATION BOARD FUND

The General Education Board of New York appropriated \$125,000 in 1920 to the campaign for increase of endowment when the Francis B. Gummere Memorial Fund and the Isaac Sharpless Memorial Fund, totaling \$375,000, were raised. Interest at five per cent was paid on the full sum for three years, and the \$125,000 in full payment was completed in 1926-1927. Total par value, \$119,120.26; book value, \$125,303.84.

HAVERFORD IMPROVEMENT FUND

Founded in 1922 to hold the Corporation's undivided share in College Lane land and eight houses. This property was turned over to the Corporation free of debt on Third Month 17, 1922, and with same the then debt of the Corporation amounting to \$155,942.15 was liquidated. The fund started with an undivided interest of \$19,000. There was added in 1922, \$9,000; and in 1925, \$2,000. In 1926, \$5,000 of this fund was sold and the proceeds were appropriated for the alterations to Roberts Hall. The balance of this fund, \$25,000, was also used in 1927 for the same purpose. The income was used for general college purposes. It is hoped that this fund may be refunded from the Centenary Campaign, a part of which was planned to cover the Roberts Hall alterations.

HAVERFORD COLLEGE

The College Lane land was purchased in 1886 for the benefit of the College by David Scull, Justus C. Strawbridge, Richard Wood and Francis Stokes, Managers of the College and now all deceased. With contributions raised by them and by mortgages on which they went on the bonds, funds were raised to build six dwelling houses, and two houses were built by the Corporation itself. From the income of the houses the debt against the properties was gradually reduced until it was entirely liquidated in 1919. The net income from 1919 until 1922, when the property was turned over to the Corporation, was applied toward the reduction of the Corporation's debt.

CENTENARY FUND

Centenary Fund (1) was founded in 1926 by gifts to the College in anticipation of the one hundredth anniversary of its founding in 1833. There were no restrictions and the income was used for general college purposes until 1935, when the principal was used in the liquidation of debt.

In 1935 a further campaign among the Alumni was conducted under the direction of William M. Wills, '04, to add to the funds raised in commemoration of the Centenary. This was designated as Centenary Fund (2), but in 1935-1936 the payment of pledges to (1) were merged with (2) at the request of donors, and the two accounts are now considered as one.

During 1936-1937, \$9,000 additional donations were made by members of the Strawbridge family, and of these \$3,372.63 were transferred for the final cost of the William J. Strawbridge '94 Memorial Astronomical Observatory, and \$5,627.37 were set aside to establish the Strawbridge Observatory Maintenance Fund. Other additional gifts of \$16,017.04 were made in 1936-1937, and \$7,700 in 1937-1938, bringing the totals contributed to both funds to date, for the Observatory \$47,000, and for other uses \$143,782.55.

From the \$16,017.04, together with \$1,550 realized from a previous gift of an investment, the balance of the debt for pension contributions \$12,022.57 was met, \$5,544.47 was applied to the debt for accrued deficits, and \$7,700 was applied to the operating year 1937-1938.

There remains one investment in this fund not yet realized upon with a par value of \$750 and book value of \$240.

WILLIAM PENN FOUNDATION

Started in 1926 toward a fund of \$120,000 to establish a chair or lectureship in Political Science and International Relations. This fund forms a part of the Centenary program to raise \$1,000,000. This foundation is to be devoted, at the discretion of the Managers, to providing adequate undergraduate instruction in the theory and practice of our own and other governments, in the history of past attempts to secure international agreements and in the methods by which good international understanding may be promoted and maintained. Par value, to date, \$91,728.73; book value, \$102,077.27.

ENDOWMENT FUNDS

WALTER CARROLL BRINTON MEMORIAL FUND

Founded in 1920 by gift of \$5,000 by the family of Walter Carroll Brinton, Class of 1915, who died in France, Twelfth Month 8, 1918, while engaged in Friends' Reconstruction Work. The fund sustained the Walter Carrol Brinton Scholarship until 1926-27. It was then increased \$6,000 by further gifts of the founders, and at their request the purpose was changed from a scholarship fund to form a separately named fund of the William Penn Foundation, with its income to be used for the same objects. Present par value, \$14,359.42; book value, \$14,108.65.

CORPORATION FUND

Founded in 1928 by setting aside \$70,000 of proceeds from sale of 5.811 acres of land on the southern boundary and at the southeastern corner of the College farm. In 1937, the fund was increased \$8,810, being proceeds of the sale of 1.762 acres of land to the Philadelphia Skating Club and Human Society for their new ice skating rink. Present par value, \$37,127.75; book value, \$80,010.00. The fund is invested and the income used for general college purposes, until otherwise directed by the Managers.

ELIZABETH J. SHORTRIDGE FUND

Founded in 1930 by bequest from Elizabeth J. Shortridge, without restrictions. The fund is invested, and until otherwise directed by the Managers, the income only is used for general purposes. Present par value, \$10,938; book value, \$10,000.

HOWARD COMFORT MEMORIAL FUND

Founded in 1934 and added to in 1935, 1936, and 1937 by donations totaling \$5,000 from President William Wistar Comfort in memory of his father, Howard Comfort, Class of 1870, who was a Manager from 1880 until his death in 1912, and Secretary of the Board of Managers from 1884 until 1908. The income only is to be used, and for general purposes. Present par value, \$5,051.95; book value, \$5,000.00.

EMMA RIDGWAY COMLY FUND

Founded 1935 by bequest of \$50,000 from Emma Ridgway Comly, a Philadelphia Friend. The bequest was unrestricted as to both principal and income. The income is used for general purposes. Present par value, \$21,279.06; book value, \$50,000.

ELLEN W. LONGSTRETH FUND

Founded 1935 by bequest of \$20,000 and her residuary estate from Ellen W. Longstreth, a Friend belonging to Haverford Meeting, and living in Bryn Mawr. The principal and income are both unrestricted. The bequest of \$20,000 and \$84,416.28 in 1935-1936, \$3,338.69 in 1936-1937, and \$73.33 in 1938 from the residuary estate have been received, making \$107,828.30 in all. There are some parcels of real estate not yet liquidated, which will somewhat increase this fund. The income is used for general purposes. Present par value, \$97,889.57; book value, \$111,008.09.

HAVERFORD COLLEGE

ALBERT L. BAILY FUND

Founded in 1936 by an unrestricted bequest of \$5,000 from Albert L. Baily, '78. The income is used for general purposes. Present par and book values, \$5,000.

ELIZABETH B. WISTAR WARNER FUND

Founded First Month 16, 1937, by unrestricted bequest of \$4,950 from Elizabeth B. Wistar Warner, of Germantown, widow of George M. Warner, '73. The income is used for general purposes. Present par value, \$57.46; book value, \$4,950.

T. ALLEN HILLES BEQUEST

Founded First Month 19, 1937, by receipt of the proceeds of a trust fund created in 1935 by T. Allen Hilles, class of 1870, formerly of Wilmington, Delaware, recently of Glen Mills, Pa., who died 11th Month 15, 1935. The amount received in stocks and cash was \$285,000. Proceeds of mortgages of \$7,460.94 in 1938 brought the total bequest to \$292,460.94, but this is subject to a future reduction estimated not to exceed \$30,000 for inheritance taxes when determined. Accumulated income of \$12,489.77 was received at the same time. In the trust created by the donor in 1935 he provided: "The gift to Haverford College shall constitute a fund to be known as 'The Hilles Bequest,' and the income shall be used for repair, upkeep and improvement of the building which I have given to Haverford College known as the Hilles Laboratory of Applied Science of Haverford College. My purpose in making this gift is primarily to relieve the Corporation of Haverford College from any additional expense on account of the erection of the building which I have given them, and the accompanying expansion of its educational activities, but whenever and if the Board of Managers or other governing body of the College shall determine it to be for the best interest of the College to devote the whole or any part of the income of the fund to uses other than those above specified, such income may be applied to such uses and in such manner as the Board of Managers or other governing body may in its absolute discretion determine." Present par value, \$114,762.20; book value, \$292,460.94.

LEONARD L. GRIEF, JR., AND ROGER L. GRIEF FUND

Founded Ninth Month 29, 1937, by gift of \$1,000 from Leonard L. Grief, '34, and Roger L. Grief, '37, of Baltimore. The gift was unrestricted, but the Managers have set aside this fund as endowment for general purposes, the income only to be used, until otherwise determined by them. Present par and book values, \$1,000.

EDWARD M. WISTAR FUND

Founded First Month 9, 1938, by gift of \$2,500 from Edward M. Wistar, '72, for endowment, the income only to be used for general purposes. Present par value, \$475.40 and no par stock; book value, \$2,500.

ENDOWMENT FUNDS

FUND FOR GRADUATE SCHOOL

MOSES BROWN FUND

A trust founded by T. Wistar Brown, in 1906, as a memorial to his father, Moses Brown. Transferred to the College in 1916 after his death, having at that time a par value of \$372,821.91 and book value of \$318,823.56. Present par value, \$366,502.62; book value, \$346,725.04. The fund was created to establish a graduate course in religious study in harmony with and supplementary to the teaching and study provided for by the John Farnum Brown Fund. The income only is to be used; at least ten per cent of the total income must be capitalized each year. The unused income, if any, is likewise capitalized at the close of each fiscal year. The graduate school supported by the Moses Brown Fund was designated "The Tromas Wistar Brown Graduate School." In 1927 the former separate school was discontinued and eight graduate scholarships were created.

In 1937-1938, an arrangement has been made for cooperation in courses with Pendle Hill, a school for religious education, located at Wallingford, Pa.

FUNDS FOR INFIRMARY

INFIRMARY ENDOWMENT FUND

Founded in 1911 from subscriptions totaling \$9,072.55, raised among alumni and friends of the College. Present par value, \$9,750.94; book value, \$9,653.44. The income is used toward the expenses of the Morris Infirmary.

JOHN W. PINKHAM FUND

Founded in 1911 by legacy of \$5,000 from Dr. John W. Pinkham, '60, being transmitted by gift from his widow, Cornelia F. Pinkham. Present par value, \$5,499.50, and book value, \$5,059.50. There are no binding conditions, but as she expressed an interest in the Morris Infirmary, then building, the Board of Managers directed that the income of this fund should be used in the support and maintenance of the Infirmary.

FUND FOR HAVERFORD UNION

HAVERFORD UNION FUND

Founded in 1920 by gift of \$1,000 par value of bond at book value of \$800 and \$678.59 cash, and all the personal property in the Union from the Haverford College Union. The College assumed the responsibility for the care of the building First Month 16, 1920. The income is used toward the maintenance of the Union building. Present par value, \$2,212.32; book value, \$1,878.82.

HAVERFORD COLLEGE

FUNDS FOR SCHOLARSHIPS

THOMAS P. COPE FUND

Founded in 1842 by gift of sixty shares of Lehigh Coal and Navigation Co. stock, par value \$3,000, from Thomas P. Cope. Present par value, \$4,244.69; book value, \$5,247.82. The income only is to be used "for the education of young men to qualify them to become teachers, but who are not of ability to pay their own schooling." The fund sustains the Thomas P. Cope Scholarships.

EDWARD YARNALL FUND

Founded in 1860 by bequest of \$5,000 from Edward Yarnall. Present par value, \$5,719.33; book value, \$6,069.23. The income only is to be used for "the support of free scholarships." The fund sustains the Edward Yarnall Scholarships.

ISAIAH V. WILLIAMSON FUND

Founded in 1876 and increased in 1883 by gifts of sundry ground rents from Isaiah V. Williamson. Present par value, \$22,791.56; book value, \$19,817.40. The income only is to be used for free scholarships. The fund sustains the Isaiah V. Williamson Scholarships.

RICHARD T. JONES SCHOLARSHIP FUND

Founded in 1885 by bequest of \$5,000 from Jacob P. Jones as a memorial to his late son, Richard T. Jones, '63. Present par value, \$5,896.25; book value, \$5,056.25. The income only to be used to sustain the "Richard T. Jones Scholarship."

MARY M. JOHNSON SCHOLARSHIP FUND

Founded in 1897 by bequest of \$5,000 from Mary M. Johnson. Accrued interest before payment to the College increased the fund by \$3,062.95. Present par value, \$7,614.35; book value, \$7,023.61. The bequest was to establish a "perpetual scholarship." The fund sustains the Mary M. Johnson Scholarships.

SARAH MARSHALL SCHOLARSHIP FUND

Founded in 1897 by bequest of \$5,000 from Sarah Marshall. Accrued interest before payment to the College increased the fund by \$2,589.49. Present par value, \$7,095.83; book value, \$7,910.76. The bequest was to establish a "perpetual scholarship." The fund sustains the Sarah Marshall Scholarships.

CLEMENTINE COPE FELLOWSHIP FUND

Founded in 1899 by gift of \$25,000 from Clementine Cope. Present par value, \$26,270.77; book value, \$22,845.86. The gift was to establish the "Clementine Cope Fellowship Fund to assist worthy and promising graduates of Haverford College in continuing their course of study at Haverford or at some other institution of learning in this country or abroad." The selection of the Fellows is made by the Board of Managers upon nomination by the Faculty.

ENDOWMENT FUNDS

ISAAC THORNE JOHNSON SCHOLARSHIP FUND

Founded in 1916 by gift of \$5,000 from Isaac Thorne Johnson, '81. Present par value, \$8,005.94; book value, \$7,802.94. The gift was to establish "The Isaac Thorne Johnson Scholarship to aid and assist worthy young men of Wilmington Yearly Meeting or of the Central West to enjoy the privileges of Haverford College." Unused income is added to the principal of the fund.

CASPAR WISTAR MEMORIAL SCHOLARSHIP FUND

Founded in 1920 by gift of Edward M. and Margaret C. Wistar of \$5,000 par value in bonds in memory of their son, Caspar Wistar, of the Class of 1902, who died in Guatemala in 1917 while engaged in mission service in that country. The income only is to be used for scholarships, primarily for sons of parents engaged in Christian service, including secretaries of Young Men's Christian Associations, or students desiring preparation for similar service in America or other countries. Present par value, \$5,278.97; present book value, \$2,951.21.

J. KENNEDY MOORHOUSE SCHOLARSHIP FUND

Founded in 1926 by gifts totaling \$3,000, with \$1,000 added in 1926, and \$1,000 in 1928 and \$1,000 in 1929 from the Class of 1900 in memory of their classmate, J. Kennedy Moorhouse. The scholarship provided by this fund is "to be awarded, whenever a vacancy shall occur, to the boy ready to enter the Freshman class, who in the judgment of the President of the College appears best fitted to uphold at Haverford the standard of character and conduct typified by J. Kennedy Moorhouse, 1900, as known to his classmates: A man, modest, loyal, courageous, reverent without sanctimony; a lover of hard play and honest work; a leader in clean and joyous living." Present par value, \$6,074.60; book value, \$5,244.60.

LOUIS JAQUETTE PALMER SCHOLARSHIP FUND

Founded in 1928 by gift of \$5,000 from Triangle Society, as follows: "The Triangle Society of Haverford College herewith presents to the Corporation of Haverford College a fund of Five Thousand Dollars (\$5,000) to be hereafter known and designated as the 'Louis Jaquette Palmer Scholarship Fund';

"This fund represents contributions from the members of the Triangle Society of Haverford College who have been thus inspired to perpetuate the memory of their fellow member, Louis Jaquette Palmer, of the Class of 1894, one of the founders of the Triangle Society, whom they admired for his cooperative spirit and constructive interest in student and community welfare. The fund is placed with the Corporation of Haverford College with the understanding:

"That such student shall be selected from a list of those eligible for entrance to Haverford College, who shall have combined in his qualifications the fulfillment of such conditions as apply to applicants for the Rhodes Scholarships under the terms of its creation, and furthermore that the student so selected and entered in Haverford College may

HAVERFORD COLLEGE

continue to receive said scholarship fund throughout his course at College, subject to the approval of the Committee, otherwise preference shall be given to applications for the Freshman Class;

"That the selection of said student and the determination of the qualities and conditions hereinbefore mentioned shall be subject to the decision and control of a committee of three (3), which committee shall be composed of two (2) members of the Triangle Society and the President of Haverford College, the said members of the Triangle Society to select and recommend the applicants and the committee as a whole to determine their qualifications and eligibility.

"Finally, in the event that no student is selected by the Triangle Society or that a vacancy occurs, the income from said funds and any additions shall accumulate as provided under the customary rules and regulations of the Corporation of Haverford College."

Par value, \$5,097.50; book value, \$5,000.

PAUL W. NEWHALL MEMORIAL SCHOLARSHIP FUND

Established in 1931 by bequest of \$5,045.60 from Mary Newhall in memory of her father, Paul W. Newhall, a Manager, 1844-48, for the establishment of a scholarship fund. The income only to be used for free scholarship purposes. Present par value, \$3,635.60; book value, \$5,045.60.

ROBERT MARTIN ZUCKERT MEMORIAL SCHOLARSHIP FUND

Founded in 1935 by gift of \$750, \$2,000 in 1935-1936, \$2,000 in 1936-1937, and \$2,000 in 1937-1938 by Harry M. Zuckert, New York, in memory of his son, Robert Martin Zuckert, of the Class of 1936, who was killed in an accident in June, 1935. The income is to be used for a scholarship and the donor said, "I should prefer a boy who is a native of New York or Connecticut and who now resides in one of those States." Present par and book values, \$6,750.00.

SAMUEL E. HILLES ENDOWMENT CREATED BY MINA COLBURN HILLES

Founded in 1935 by gift of \$5,000 from Mrs. Mina Colburn Hilles, of Orlando, Fla., in memory of her husband, Samuel E. Hilles, Class of 1874, formerly of Cincinnati, who died in 1931. This fund was created under a trust deed with Central Title and Trust Co., Orlando, Fla., to whom annual reports are to be made. The income only is to be used for scholarships for worthy students who are unable to finance their expenses at Haverford College. Present par value, \$5,049.45; book value, \$5,000.00.

CLASS OF 1913 SCHOLARSHIP FUND

Founded Fourth Month 15, 1937, by gift of \$3,000 from Class of 1913 for the endowment of scholarship aid. The income only is to be used for scholarship aid, to be awarded annually to a worthy student of any undergraduate class. Preference is to be given to sons of members of the Class of 1913 who may apply and who meet the usual requirements of the College. Present par and book values, \$3,000.

ENDOWMENT FUNDS
FUNDS FOR THE LIBRARY
ALUMNI LIBRARY FUND

Founded in 1863 by contributions from the alumni and other friends of the College. In 1909 the unexpended balance (about \$5,000) of a fund of \$10,000 raised in 1892, and known as the "New Library Fund," was merged into the Alumni Library Fund. Present par value, \$19,-300.67; book value, \$17,435.06. The income is used for binding and miscellaneous expenses of the Library.

MARY FARNUM BROWN LIBRARY FUND

Founded in 1892 by gift of \$20,000 from T. Wistar Brown, executor of the Estate of Mary Farnum Brown. Additions were made by T. Wistar Brown in 1894, \$10,000 for a lecture fund, and in 1913, \$20,000. In 1916, after T. Wistar Brown's death, there was added to this fund \$34,499.78 par value of securities, book value, \$30,149.78, being a trust which he had created for this purpose in 1908 and to which he had made additions in subsequent years. Present par value, \$67,261.34; book value, \$64,709.68. The purpose of this fund (except \$10,000) is for the increase and extension of the Library. The income only is to be used for the purchase of books, and one-fifth of same is to be spent for books promoting the increase of Christian knowledge. The books purchased with the income of this fund are marked by a special book-plate. The income of \$10,000 of the fund is to provide for an annual course of lectures upon Biblical subjects designated "The Haverford Library Lectures." Unused income from the fund, if any, must be capitalized at the end of each fiscal year.

WILLIAM H. JENKS LIBRARY FUND

Founded in 1910 by gift of \$5,000 from Hannah M. Jenks, widow of William H. Jenks. The fund was first known as "Special Library Fund," but after the death of Hannah M. Jenks was changed, in 1916, to "William H. Jenks Library Fund." Present par value, \$6,102.12; book value, \$5,000. The purpose of this fund is that the income shall be used for the care of the collection of Friends' books made by William H. Jenks and given by his widow to Haverford College, and to make appropriated additions thereto. Any income not used for these purposes may be used toward the general needs of the Library.

MARY WISTAR BROWN WILLIAMS LIBRARY FUND

Founded in 1914 by gift of \$20,000 from Parker S. Williams, '94, as a memorial to his late wife, Mary Wistar Brown Williams. Present par value, \$20,381.74; book value, \$20,306.74. The income only is to be used for the purchase of books for the Library, preferably books coming within the classes of history, poetry, art, and English and French literature. The books purchased with the income of this fund are marked by a special book-plate.

HAVERFORD COLLEGE

ANNA YARNALL FUND

Founded in 1916 by residuary bequest of \$13,000 par value of securities with book value of \$7,110, and one-half interest in suburban real estate from Anna Yarnall. Additional amount under bequest was received in 1918. Present par value, \$173,117.92; book value, \$180,184.97. The real estate was sold in 1923 and netted the College \$164,820.50. The bequest was made for the general use of the Library. The testatrix says, "I do not wish to restrict the managers as to the particular application of this fund, but desire them to use the income arising from it as in their best judgment and discretion shall seem best, for the purchase of books and manuscripts, book cases, rebinding of books, and, if need be, the principal or portions thereof, or the income or portions thereof, for additions to the present Library building, or the erection of new Library buildings. I direct that all books purchased with this fund shall be plainly marked 'Charles Yarnall Memorial' in memory of my father, Charles Yarnall."

F. B. GUMMERE LIBRARY FUND

Founded in 1920 by gift of \$635.47, raised among the students by the Students' Association of the College as a memorial to Professor Francis Barton Gummere. The income only is to be used to buy for the Haverford College Library books on the subjects that he taught or was interested in.

The Students' Association voted also to raise twenty-five dollars for a special shelf in the Library to be known as the "F. B. Gummere Memorial Shelf." This shelf, with its proper inscription, holds the books purchased by this fund. Present par and book values, \$635.47.

EDMUND MORRIS FERGUSSON, JR., CLASS OF 1920 MEMORIAL FUND

Founded in 1920 by memorial gift of \$1,000 from the family of Edmund Morris Fergusson, Jr., Class of 1920, who died at the College in his Senior year. The income only is to be used for the maintenance and increase of the Library's Department of English and American Literature. The books purchased with the income of this fund are marked by a special book-plate indicating its source. Present par and book values, \$1,002.34.

CLASS OF 1888 LIBRARY FUND

Founded Sixth Month 15, 1938, by gifts totaling \$5,250 from members and families of the Class of 1888, on the occasion of their fiftieth anniversary. The conditions of the gift are as follows:

- (1) A fund is to be established, to be known as "THE CLASS OF 1888 LIBRARY FUND."
- (2) The income only of this fund is to be used exclusively for the purchase of books for the Haverford College Library, except as noted below (in Clause 6).

ENDOWMENT FUNDS

- (3) The fund established now will be added to later by gift or bequest.
- (4) Members of the Class also expect to donate books to the Library, with the understanding that when such books are duplicates of books already in the Library, they may be exchanged for books needed, or sold, and the money so obtained used in the same way as the income of the fund.
- (5) All books purchased by the income of the fund (or obtained as in 4) are to be provided with a special book-plate to be furnished by the Class.
- (6) Income from the Class Fund or moneys obtained by sale of duplicate books may, when necessary, be used for binding or repair of books designated as belonging to the Class collection.

FUNDS FOR PENSIONS

PRESIDENT SHARPLESS FUND

Founded in 1907 by contributions from interested friends of the College, finally amounting to \$40,000. Present par value, \$42,991.99; book value, \$41,237.08. The income is to be used for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for old style pensions, or, if not needed for pensions, is capitalized in said fund.

WILLIAM P. HENSZEY FUND

Founded in 1908 by gift of \$10,000 from William P. Henszey, donated in connection with the raising of the President Sharpless Fund, but kept as a separate fund. Increased in 1909 by legacy of \$25,000 from William P. Henszey. Present par value, \$36,894.66; book value, \$36,758.66. The income is to be used, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for old style pensions, or, if not needed for pensions, is capitalized in said fund.

JACOB P. JONES BENEFIT FUND

Founded in 1909 and increased in 1910 by proceeds of land sold for account of Jacob P. Jones legacy. Present par value, \$71,728.93; book value, \$68,113.78. The income is to be used, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for old style pensions, or, if not needed for pensions, is capitalized in said fund.

HAVERFORD COLLEGE

PLINY EARLE CHASE MEMORIAL FUND

Founded in 1909 by transfer to the College of a fund raised in 1887 in memory of Professor Pliny Earle Chase, and amounting to par value of \$4,173.04. Present par value, \$4,166.04; book value, \$3,272.24. The income of this fund is used, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. This income is transferred annually to the Haverford College Pension Fund, for old style pensions, or, if not needed for pensions, is capitalized in said fund.

HAVERFORD COLLEGE PENSION FUND

Founded in 1920 and added to since, being accumulations of income from the President Sharpless Fund, the William P. Henszey Fund, the Jacob P. Jones Benefit Fund and the Pliny Earle Chase Memorial Fund, not needed for pensions. Present par value, \$110,429.76; book value, \$112,020.73. The income from this fund, together with the income from the four above-mentioned funds, is used for old style pensions. Income not needed for pensions was capitalized until 1932; then any unused income was used toward the College's share in cost of new contributory pensions with the Teachers' Annuity and Insurance Association. Now the old style pensions call for more than the income of all these Pension Funds. When the proper time comes in an actuarial sense, the principal of this fund can be used as well as the income for the old style pensions until they cease.

FUNDS FOR SPECIAL PURPOSES

THOMAS SHIPLEY FUND

Founded in 1904 by gift of \$5,000 from the late Samuel R. Shipley as a memorial to his father, Thomas Shipley. Present par value, \$5,363.10; book value, \$5,248. The income only to be used for lectures on English Literature at the College. In case of actual need, at the discretion of the President of the College, the income can be used for general expenditures.

ELLISTON P. MORRIS FUND

Founded in 1906 by gift of \$1,000 from Elliston P. Morris, '48. Present par value, \$1,199.25; book value, \$1,126.75. The income is to be used as a prize for essays to be written by students on the subject of Arbitration and Peace. "The Elliston P. Morris Prize" of \$80 is given in alternate years, the competition being open to all undergraduates and to graduates of one year's standing.

In 1929, it was determined, with the consent of the family of Elliston P. Morris, that until otherwise disposed this prize shall be discontinued and the income shall be used for the purchase of library books on arbitration and peace.

ENDOWMENT FUNDS

JOHN B. GARRETT READING PRIZE FUND

Founded in 1908 by a gift in bonds by the late John B. Garrett, '54. Present par and book values, \$617.87. It was the purpose of the donor to ensure the permanence of a prize or prizes for Systematic Reading, which he had given for a number of years. The prizes have not been awarded in recent years.

SPECIAL ENDOWMENT FUND

Founded in 1909 by gift of \$12,000 par value of bonds, book value \$11,800, from an anonymous donor. Present par value, \$6,201.19; book value, \$9,227.07. The income only of this fund to be used "to furnish opportunity for study of social and economic and religious conditions and duties connected therewith, especially from a Christian point of view." The income is used toward the expenses of Summer Schools for Religious Study, which have been held at Haverford and Swarthmore Colleges from time to time, and also for religious education under Friends' care.

On Fifth Month 16, 1930, the Managers adopted the following amendment, made at the suggestion of the donor, now revealed to be John Thompson Emlen, 1900: "If, however, it shall be in the course of time advisable by the President and the Managers that the income of this fund can be used more profitably by the College for other purposes than those herewith stated, it is my desire that they shall act in accordance with their judgment."

SCHOLARSHIP IMPROVEMENT PRIZE FUND

Founded in 1913 by gift of \$2,000 par value of bonds, book value, \$1,200, from John L. Scull, '05. Present par value, \$1,969.49; book value, \$2,131.22. The income only to be used to establish two prizes of \$50 and \$45 annually to the two students in the graduating class showing the most marked and steady improvement in scholarship during their college course.

ELIZABETH P. SMITH FUND

Founded in 1915 by bequest of \$1,000 from Elizabeth P. Smith. Present par value, \$1,032; book value, \$1,027. The income only to be used as a prize for the best essays on Peace written by students of the College.

S. P. LIPPINCOTT HISTORY PRIZE FUND

Founded in 1917 by gift of \$2,500 par value of bonds, book value, \$2,546.88, from beneficiary of the estate of S. P. Lippincott, '86. Present par value, \$2,500; book value, \$2,546.88. The income only to be used as an annual history prize, which is designated "The S. P. Lippincott History Prize." The award is to be made on the basis of Final Honors. In any year when no award is made, the income is to be used for the purchase of library books in the field of the unawarded prize.

HAVERFORD COLLEGE

FRANCIS STOKES FUND

Founded in 1919 by gift of \$5,000 in securities, book value, \$5,000, from Francis J. Stokes, '94, in memory of his father, Francis Stokes, of the Class of 1852, and a Manager of Haverford from 1885 until his death in 1916. Present par and book values, \$5,120.30. The income is to be used for extending the planting of trees and shrubs on the College grounds. The wish is expressed, but not as a binding condition of the gift, that the Campus Club should have the direction of the expenditure of this income.

GEORGE PEIRCE PRIZE FUND

Founded in 1919 by gift of \$600, and increased in 1920 by further gift of \$400, from Harold and Charlotte C. Peirce in memory of their deceased son, George Peirce, '03. Present par and book values, \$1,911.89. The income only is to be used for a prize, to be called the George Peirce Prize in Chemistry or Mathematics, to the student who, in the opinion of the Faculty, has shown marked proficiency in either or in both of these studies and who wishes to follow a profession which calls for such preparation. Unused income is capitalized, as requested by the founders of the fund.

LYMAN BEECHER HALL PRIZE FUND

Founded in 1924 by donation of securities of par value, \$2,000, book value, \$1,820, from the Class of 1898 in commemoration of their 25th anniversary of graduation to establish an annual prize of \$100 in Chemistry in honor of Doctor Lyman Beecher Hall, Professor of Chemistry at Haverford College from 1880 to 1917. Present par and book values, \$2,155.00.

NEWTON PRIZE FUND

Founded in 1925 by donation of five shares of General Electric Co. stock by A. Edward Newton, par value, \$500, and book value, \$1,348.25. Present par value, \$120.46 and no par shares; book value, \$1,397.75. The income only is to be used for "The Newton Prize in English Literature to the undergraduate who shall submit the best essay on some subject connected with English literature." In 1930, the award was changed to be on the basis of Final Honors, and in any year when no award is made the income is to be used for the purchase of library books in the field of the unawarded prize.

EDWARD B. CONKLIN ATHLETIC FUND

Founded in 1925 and added to in 1926, 1927 and 1929 by Frank H. Conklin, '95, in memory of his brother, Edward B. Conklin, '99. Present par value, \$2,307, and book value, \$2,400. The income is to be used without restriction in any branch of athletics.

ENDOWMENT FUNDS

ARBORETUM FUND

Founded in 1928 by setting aside \$5,000 from proceeds from sale of 5.811 acres of land on the southern boundary and southeast corner of the College farm. Until otherwise ordered by the Managers, the fund is to be invested and the income only is to be used under the direction of the Campus Club for trees and shrubs upon the College grounds, or for their care, or for other similar purposes. Present par value, \$5,853.31; book value, \$4,587.75.

WILLIAM ELLIS SCULL PRIZE FUND

Founded in 1929 by William Ellis Scull, '83, by a gift of \$2,000. The income is to be used annually, so long as the Managers may judge expedient, as a prize to be awarded at Commencement by the Faculty to that upper classman who in their judgment shall have shown the greatest improvement in voice and the articulation of the English Language. The prize is to be known as "The William Ellis Scull Prize." Present par and book values, \$2,000.

C. WHARTON STORK ART FUND

In First Month, 1930, C. Wharton Stork, of Class of 1902, donated to the Corporation securities of a then value of \$69,000 on account of a contemplated gift for the purpose of erecting, equipping, and furnishing an Art Museum at the College. Purchases were made by C. Wharton Stork of paintings, which are now exhibited on loan at the Pennsylvania Museum of Art.

PAUL D. I. MAIER FUND

Founded Tenth Month 7, 1936, by bequest of \$1,000 from Paul D. I. Maier, '96, of Bryn Mawr, Pa. The bequest provides for the continuance of the Class of 1896 Prizes of \$10 each in Latin and Mathematics, and any balance of income is to be used for general purposes. Present par and book values, \$1,000.

STRAWBRIDGE OBSERVATORY MAINTENANCE FUND

Founded Second Month 13, 1937, from donations of \$5,627.37 from members of the Strawbridge family, being the amount in excess of the actual cost of the rebuilding and reequipment of the William J. Strawbridge, '94, Memorial Astronomical Observatory. The income is used for the maintenance and equipment of the observatory. The principal can be used for additional equipment, if so determined by the Board of Managers. In 1938 an astrographic camera was so purchased at a cost to date of \$610. Present par and book values, \$5,017.37.

STATED MEETINGS OF THE CORPORATION AND THE MANAGERS

The Annual Meeting of "The Corporation of Haverford College" is held on the second Third-day in the Tenth month, at 3 o'clock P.M.

The Stated Meetings of the Managers for 1939 will be held on the second Sixth-day of First and Third months, and on the third Sixth-day of Fifth, Ninth and Eleventh months.

LEGACIES

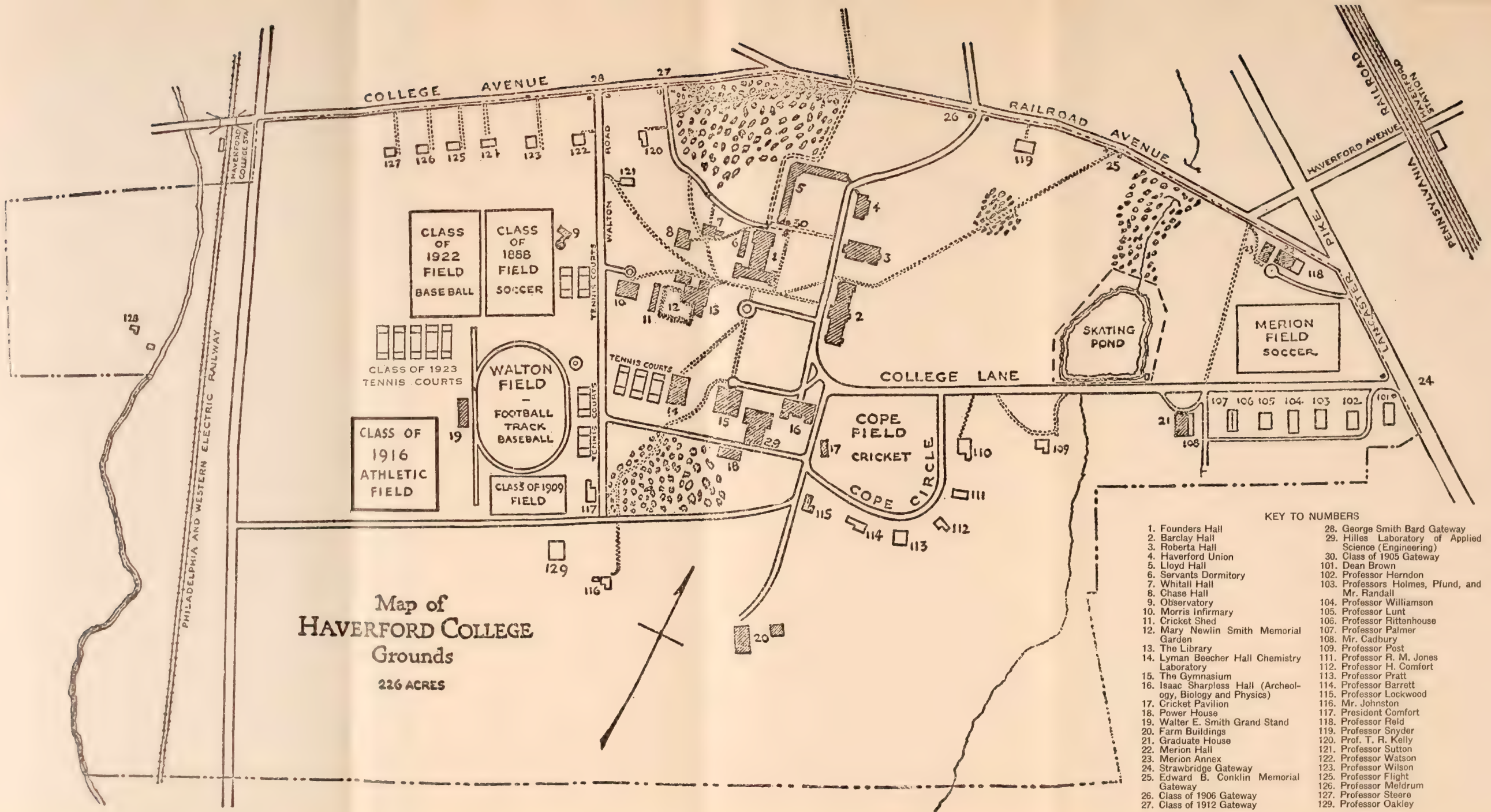
The friends of the College, including former students, and all who are interested in the promotion of sound learning, are invited to consider the College in the disposition of their estates by will.

FORM OF BEQUEST OF PERSONAL PROPERTY

I give and bequeath, free and clear of all estate, inheritance or other similar taxes, unto The Corporation of Haverford College, the sum of.....Dollars.

FORM OF DEVISE OF REAL ESTATE

I give and devise, free and clear of all estate, inheritance or other similar taxes, unto The Corporation of Haverford College, its Successors and Assigns, in fee, the following described real estate: (Here describe the real estate.)



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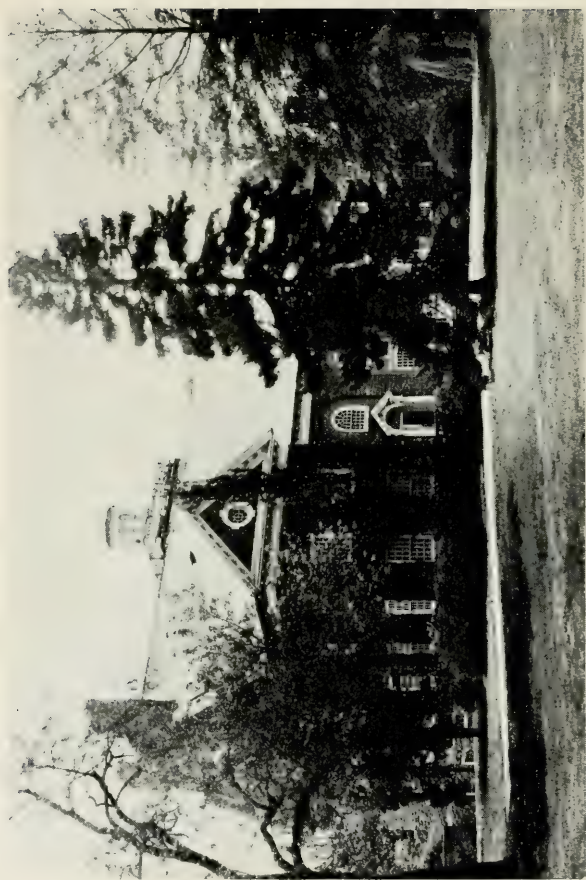
Entered December 10, 1902, at Haverford, Pa.

Second-Class Matter under Act of Congress of July 16, 1894

HAVERFORD COLLEGE
ATHLETICS



1938-1939



THE YEAR 1938-39

The football team had its best season in some time, winning four and losing two by close scores. It proved itself to be a hard-playing well-coached team showing steady improvement through the season, and many felt that it was just approaching its peak as the season ended.

At long last the soccer team cashed in on its potential power to become the Middle Atlantic Intercollegiate Champions. In addition the team was also the M. A. S. C. A. C. Championship team. From a spectator's point of view the game with Swarthmore was the high point, both teams playing skillful, aggressive soccer.

Both the basketball and wrestling teams had very indifferent seasons, both undergoing a rebuilding process. The fencing team split even on its schedule.

The track team continued its winning ways extending the string of undefeated dual meets to twenty-seven. The team was third in the M. A. S. C. A. A. Championships at Rutgers. Tom Steiger was crowned Middle Atlantic High Hurdle Champion, and Co-Captain Harry Derr both Broad-jump and Low Hurdle Champion. Dave Shihadeh broke our own two-mile record, and Tom Steiger equaled our high hurdle record.

A late spring with lots of cold and rain held back both the baseball and tennis teams. Both had poor seasons from the point of view of victories.

To Bob Jackson and Harry Derr went the Varsity Club's Cup.

Detailed accounts of all contests may be found in the *Haverford News* on file in the Library, and manager's reports on each contest are on file in the Athletic Office.

ARCHIBALD MACINTOSH,
Director.

HAVERFORD COLLEGE ATHLETIC ASSOCIATION—STATEMENT—(1938-1939)

INCOME

<i>Items</i>	<i>Football</i>	<i>Soccer</i>	<i>Basket- ball</i>	<i>Wres- tling</i>	<i>Fenc- ing</i>	<i>Track</i>	<i>Base- ball</i>	<i>Tennis</i>	<i>Cricket</i>	<i>Golf</i>	<i>Gym.</i>	<i>P. T.</i>	<i>Office</i>	<i>Total</i>
Balance, June 1, 1938													\$8.15	\$8.15
Student Dues													6,622.95	6,622.95
Gate	1,024.40		191.12	33.35										1,248.87
Guarantees	710.00	47.00	472.50	131.43		34.75	120.75	28.68						1,545.11
Total	\$1,734.40	\$47.00	\$663.62	\$164.78		\$34.75	\$120.75	\$28.68					\$6,631.10	\$9,425.08

EXPENSE

<i>Items</i>	<i>Football</i>	<i>Soccer</i>	<i>Basket- ball</i>	<i>Wres- tling</i>	<i>Fenc- ing</i>	<i>Track</i>	<i>Base- ball</i>	<i>Tennis</i>	<i>Cricket</i>	<i>Golf</i>	<i>Gym.</i>	<i>P. T.</i>	<i>Office</i>	<i>Total</i>
Equipment	\$1,509.01	\$394.63	\$134.00	\$115.96	\$14.53	\$197.20	\$305.60	\$240.10	\$174.48	\$45.00	\$36.76	\$71.27	\$93.38	\$3,331.92
Guarantees	1,062.00	50.00	276.10	95.00		115.00	256.00	101.00		38.50				1,993.60
Travel	1,534.10	215.45	408.80	126.85	44.74	297.10	182.63	123.00	4.00	95.40				3,032.07
Officials	225.00	115.00	97.50	54.50		45.00	75.00							612.00
Coaching				160.00	125.00			24.00			415.00			724.00
Total	\$4,330.11	\$775.08	\$916.40	\$552.31	\$184.27	\$654.30	\$819.23	\$488.10	\$178.48	\$178.90	\$451.76	\$71.27	\$93.38	\$9,693.59

Loss	\$2,595.71	\$728.08	\$252.78	\$387.53	\$184.27	\$619.55	\$698.48	\$459.42	\$178.48	\$178.90				
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Balance, June 1, 1939 \$268.51

**Haverford College Athletic Association
and
Department of Physical Education**

□ □

WILLIAM WISTAR COMFORT, PH.D., LITT.D., LL.D.
President.

JAMES A. BABBITT, A.M., M.D.
Professor of Hygiene and Physical Education, Emeritus.

H. TATNALL BROWN, JR.
Director of Physical Education.

ARLINGTON EVANS, B.P.E., M.S.
Instructor of Physical Training.

ROY E. RANDALL
Coach of Football, Basketball, and Baseball.

A. W. HADDLETON
Coach of Track.

JAMES C. GENTLE
Coach of Soccer.

WILLIAM DOCHERTY
Assistant Coach of Football, Basketball, Baseball.

EDGAR H. REDINGTON
Assistant Coach of Soccer.

HENRI GORDON
Coach of Fencing.

RENE BLANC-ROOS
Coach of Wrestling.

ARCHIBALD MACINTOSH
Director of Intercollegiate Athletics.

□

Athletic Executive Committee

PRESIDENT WILLIAM WISTAR COMFORT, '94—*Chairman*

DR. FREDERIC PALMER, JR.

H. H. DERR, III, '39

H. T. BROWN, JR., '23

R. L. JACKSON, '39

J. M. CROSMAN, '18

M. A. WEBSTER, JR., '39

O. B. RHOADS, '25

A. MACINTOSH, '21



FOOTBALL DEPARTMENT

Captain

ROBERT L. JACKSON, '39

Coach

ROY E. RANDALL

Manager

T. D. SHIHADDEH, JR., '39

Line Coach

WILLIAM DOCHERTY

Assistant Manager

BRUCE D. ANDERTON, '40

Awarded Football "H"

ROBERT L. JACKSON, '39 (<i>Captain</i>)	tackle
ROBERT T. WILLIAMS, '40 (<i>Captain-elect</i>)	tackle
ROBERT L. BALDERSTON, '39	tackle
WILLIAM H. G. WARNER, '39	back
JOHN P. TRENCH, '39	end
CHARLES BUSHNELL, '39	end
HARRY H. DERR, III, '39	back
T. D. SHIHADDEH, JR., '39	manager
RICHARD W. BEELER, '40	back
CHARLES K. PETERS, '40	end
KENNETH A. PRESCOTT, '40	back
F. ALLEN LEWIS, '40	center
ARTHUR A. MAGILL, '40	back
CHESTER E. BAUM, '40	guard
GEOFFREY HEMPHILL, '41	tackle
R. GARY WINSLOW, '41	tackle
SAMUEL M. SNIPES, '41	end

Awarded Football Numerals

JAMES E. MECHLING, '40	end
JOHN W. DORSEY, '41	end
PAUL C. ROWLAND, '40	back
ROGER B. KENT, '41	tackle
JAMES P. MAGILL, 2ND '42	back



"Derr Off Tackle"

Football Scores, 1938

Oct. 1—Haverford.....	28	Allegheny	0
Oct. 8—Haverford.....	7	Susquehanna	6
Oct. 15—Haverford.....	0	Wesleyan	6
Oct. 29—Haverford.....	6	Johns Hopkins	7
Nov. 5—Haverford.....	18	Hamilton	6
Nov. 12—Haverford.....	27	American University	0

Individual Scoring Record

	Touch- downs	Points After Touchdown	Total
Robert L. Jackson, '39.....	..	2	2
Harry H. Derr, '39.....	3	..	18
Richard W. Beeler, '40.....	5	8	38
Arthur A. Magill, '40.....	2	..	12
Charles K. Peters, Jr., '40...	1	..	6
Paul C. Rowland, '40.....	1	..	6
Roger B. Kent, '41.....	1	..	6

*Captain Jackson*



"The Champions"

SOCCER DEPARTMENT

Captain

JONATHAN EVANS, '39

Coach

JAMES G. GENTLE

Manager

D. NORTON WILLIAMS, '39

Assistant Manager

D. B. LOWE, JR., '41

Awarded Soccer "H"

JONATHAN EVANS (*Captain*), '39

H. CONRAD ATKINSON (*Captain-elect*), '40

D. NORTON WILLIAMS (*Manager*), '39

WILLIAM S. BONHAM, '39

LAIRD H. SIMONS, JR., '39

FRANCIS G. BROWN, '39

THOMAS B. STEIGER, '39

NATHANIEL H. EVANS, '39

ROBERT L. DEWEES, '40

WILLIAM E. EVANS, '39

EDWARD P. ALLINSON, JR., '41

L. CROSBY LEWIS, JR., '39

HOWARD L. BLUM, '41

FRANK K. MEARS, JR., '39

CHRISTOPHER EVANS, '41

HAROLD H. MORRIS, JR., '39

DAVID W. SHOEMAKER, '41

Awarded Soccer Numerals

C. E. RANKIN, '39

G. R. STROHL, JR., '41

R. M. WHITE, '39

L. P. WAGNER, '41

E. S. DAWSON, '40

R. D. BAUER, '42

A. W. REICHEL, '40

R. W. DUNHAM, '42

M. W. STEEL, '40

E. FLACCUS, '42

W. K. MILLER, '41

T. P. HAWORTH, '42

J. P. NEAL, '40

G. W. HOWE, '42

K. S. ROBERTS, '42

1938 Intercollegiate Scores

Oct. 14—Haverford.....	3	Princeton	2
Oct. 19—Haverford.....	6	Lafayette	0
Oct. 25—Haverford.....	6	Ursinus	3
Oct. 29—Haverford.....	3	Lehigh	1
Nov. 2—Haverford.....	6	Stevens	2
Nov. 12—Haverford.....	2	Pennsylvania	3
Nov. 19—Haverford.....	4	Swarthmore	3
Nov. 23—Haverford.....	2	Cornell	1

Won: 7 Lost: 1 Points For: 32 Points Against: 15

Other Scores

Sept. 24—Haverford.....	5	Alumni	0
Oct. 8—Haverford.....	2	Fairhill	6
Middle Atlantic Intercollegiate Soccer League Champion—1938			
Middle Atlantic States Collegiate Athletic Conference			
Champion—1938			

Junior Varsity Soccer Team Scores

Haverford.....	1	Penn Mutual	3
Haverford.....	2	Princeton J. V.	4
Haverford.....	1	Haverford School	2
Haverford.....	2	George School	3
Haverford.....	2	Northeast Catholic High...	2
Haverford.....	3	Pennsylvania J. V.	1
Haverford.....	3	Merion C. C.	1
Haverford.....	2	Penn Mutual	0
Haverford.....	.	Westtown .....	.
Haverford.....	4	Pennsylvania J. V.	0
Haverford.....	3	Swarthmore	2
Haverford.....	.	Swarthmore	(Default)

Third Soccer Team Scores

Haverford.....	4	Hill School	5
Haverford.....	3	Germantown C. C.	5
Haverford.....	2	Pennsylvania 3rd	0
Haverford.....	0	Swarthmore 3rd	2
Haverford.....	3	Pennsylvania 3rd	3
Haverford.....	0	Germantown C. C.	6
Haverford.....	0	Westtown J. V.	2

BASKETBALL DEPARTMENT

Captain

M. A. WEBSTER, '39

Coach

ROY E. RANDALL

Manager

JOHN C. GROFF, '39

Assistant Manager

J. W. WOOD, '40

Awarded Basketball "H"

M. A. WEBSTER, '39 (<i>Captain</i>)	forward
A. A. MAGILL, '40 (<i>Captain-elect</i>)	guard
R. W. BEELER, '40	guard
D. P. FLACCUS, '40	forward
R. T. WILLIAMS, '40	center
J. P. MAGILL, '42	center
G. T. WARNER, '42	guard
J. C. GROFF, '39	manager

Record for 1938-39

Haverford..... 28	Moravian 40
Haverford..... 32	St. John's 25
Haverford..... 15	Wesleyan 44
Haverford..... 26	Trinity 56
Haverford..... 26	Stevens 48
Haverford..... 35	Lafayette 47
Haverford..... 27	Lehigh 60
Haverford..... 43	Hamilton 41
Haverford..... 23	Delaware 43
Haverford..... 32	Johns Hopkins 34
Haverford..... 32	Stevens '39
Haverford..... 22	Swarthmore 33

Individual Scoring Records

Name	Goals	Fouls	Total Points
Webster (<i>Captain</i>)	30	30	90
Warner	22	19	63
Magill, Jim	14	12	40
Beeler	13	10	36
Magill, Art	13	7	33
Flaccus	14	5	33
Williams	8	11	27
Weyerbacher	3	5	11
Bown	3	2	8
Totals	120	101	341

Name	Time Played
Webster	409 minutes
Magill, Art	383 "
Warner	356 "
Beeler	334 "
Magill, Jim	288 "
Flaccus	277 "
Williams	240 "
Weyerbacher	100 "
Bown	65 "

Jayvee Record

Date	Opponent	Played	Hav. J. V.	Opp.
Jan. 6—	Friends' Central	Away	24	46
Jan. 10—	Chestnut Hill	Home	15	21
Jan. 12—	Triangle A. A.	Away	22	41
Jan. 17—	Norristown Y. M. C. A.	Home	29	41
Feb. 9—	Phila. Textile School.	Home	31	30
Feb. 11—	Phila. Business School.	Home	20	25
Feb. 13—	Penn Charter	Away	33	34
Feb. 17—	Lincoln Prep	Home	24	28
Feb. 22—	Hill School	Away	11	36
Feb. 24—	Swarthmore J. V.	Home	35	24

No report on referees.

Individual Scoring Record—J. V.

Player	Field Goals	Foul Goals	Points
Flaccus, E.	17	15	49
Howe	20	3	43
Miller	16	5	37
Dorian	12	6	30
Roberts	12	4	28
Evans, C.	6	3	15
Strausbaugh	6	0	12
Allinson	4	2	10
Strohl	4	0	8
Worrall	1	2	4
Dorsey	1	1	3
Brous	1	0	2
Saxer	0	0	0



WRESTLING DEPARTMENT

Captain

LAIRD H. SIMONS, JR., '39

Coach

RENE BLANC-ROOS, '35

Manager

THEODORE A. WERTIME, '39

Assistant Manager

LEWIS L. JANNEY, '40

Awarded Wrestling "H"

LAIRD H. SIMONS, JR., '39 (<i>Capt.</i>)	RICHARD H. BOLSTER, II, '41
DAVID BAIRD COURSIN, '40 (<i>Cpt.-elect</i>)	GEOFFREY HEMPHILL, '41
CHESTER E. BAUM, JR., '40	ROBERT N. EVERT, '41
ELLIOTT MASON, '40	ARTHUR H. NAPIER, JR., '41
THEODORE A. WERTIME, '39 (<i>Manager</i>)	

Awarded Wrestling Numerals

THOMAS A. WATKINS, '39

THOMAS LITTLE, '41

Middle Atlantic Collegiate Wrestling Association Championships

Bolster	.....	First, 136 lb.
Mason	.....	Second, 128 lb.
Baum	.....	Third, 155 lb.
Evert	.....	Third, 145 lb.
Simons	.....	Third, 121 lb.

Meets

December 17—Rutgers	.....	8	24
January 14—Gettysburg	.....	8	26
February 11—Wesleyan	.....	6½	23½
February 15—Muhlenberg	.....	25	15
February 18—Lafayette	.....	11½	22½
February 22—Johns Hopkins	.....	24	6
February 25—Ursinus	.....	14	16
March 1—University of Maryland	...	16½	17½
March 4—M. A. C. W. A. Conference	..	..	..
Total	.....	113½	150½

Recapitulation

	Class	W.	L.	T.	Points	Total Points
Little	121	0	3	0	0	0
Napier	121	2	1	0	8	8
	128	0	1	0	0	..
Simons	121	1	0	1	4½	23
(M. A. C. W. A. C.)	121	1	2	0	1	..
	128	4	1	1	17½	..
Mason	128	0	1	0	0	8
(M. A. C. W. A. C.)	128	2	1	0	3	..
	145	1	1	0	5	..
Bolster	136	6	1	0	28	34
(M. A. C. W. A. C.)	136	2	0	0	6	..
	145	0	1	0	0	..
Evert	136	0	1	0	0	11
	145	2	0	0	10	..
(M. A. C. W. A. C.)	145	1	2	0	1	..
Wertime	145	0	2	0	0	0
Velte	145	0	0	1	1½	1½
Baum	155	3	5	0	13	14
(M. A. C. W. A. C.)	155	0	2	0	1	..
Coursin	165	1	6	0	3	3
Burnside	165	0	1	0	0	0
Hemphill (M.A.C.W.A.C.)	165	0	2	0	0	18
	175	4	4	0	18	..
Watkins	Hwgt.	1	2	0	5	5
(M. A. C. W. A. C.)	Hwgt.	0	2	0	0	..

Unofficial Practice Meets (No Scoring)

December 9—Swarthmore College

January 6—Cheltenham High School

January 10—Lower Merion High School

The Allan C. Hale Memorial Award

Presented by Allan C. Hale, Jr., of the Class of 1936, each year to that member of the wrestling team, not necessarily the highest scorer or the best wrestler, whose sportsmanship and interest has contributed most to the advancement of the sport.

1936—JOSEPH T. RIVERS, JR., '37

1937—JAY W. WORRALL, JR., '37

1938—JOHN A. EVERT, JR., '38

The Allan C. Hale, Jr., Memorial Award

Presented by Mrs. Allan C. Hale, Jr., wife of the 1936 Captain, each year to that member of the wrestling team, not necessarily the highest scorer or the best wrestler, whose sportsmanship and interest has contributed most to the advancement of the sport.

1939—LAIRD H. SIMONS, JR., '39



FENCING DEPARTMENT

Captain

ALEXANDER W. MOSELEY, JR., '39

Coach

R. HENRI GORDON

Manager

CHARLES E. RANKIN, '39

Assistant Manager

JOHN B. CLARK, '41

Awarded Fencing "H"

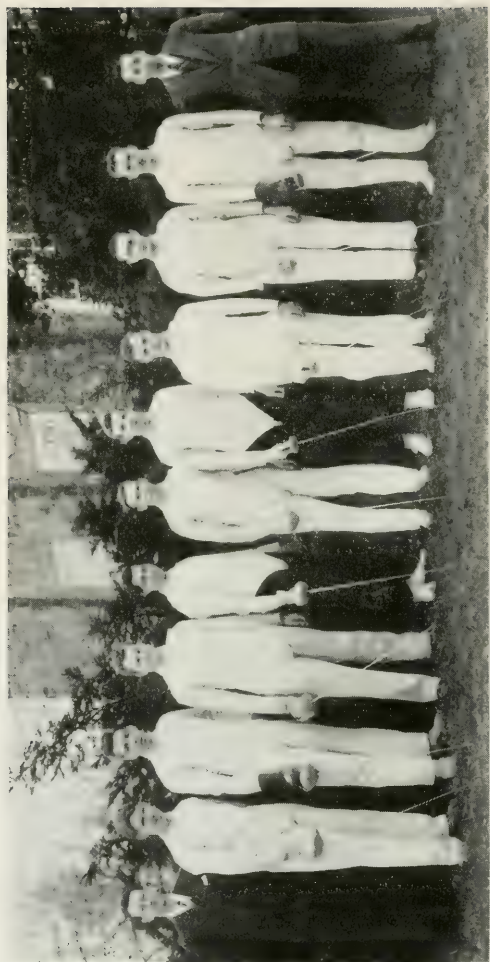
ALEXANDER W. MOSELEY, JR., '39 (<i>Captain</i>)	.....	epee
WILLIAM F. McDEVIT, '40 (<i>Captain-elect</i>)	.....	foil
EUGENE E. BOTELHO, '41	.....	epee
JOHN C. HAWLEY, '41	.....	epee
JOHN M. SYKES, '39	.....	sabre
WILLIAM H. COLBERT, '41	.....	sabre
JOHN A. BUTTRICK, '41	.....	sabre
CHARLES E. RANKIN, '39	.....	manager

Awarded Fencing Numerals

JOHN B. CLARK, '41	.....	foil
JAMES A. VINCENT, '40	.....	epee
ROBERT J. HUNN, '40	.....	sabre

Varsity Meets

Jan. 14—Haverford	..... 14	Lehigh	..... 13—home
Feb. 11—Haverford	..... 11	Maryland	..... 16—home
Feb. 15—Haverford	..... 8	Drew	..... 9—home
Feb. 25—Haverford	..... 9	Pennsylvania	..... 18—away
Mar. 4—Haverford	..... 11	Johns Hopkins	.... 10—away
Mar. 18—Haverford	..... 22	Swarthmore	..... 5—home



Individual Varsity Scores

<i>Foil:</i>	Bouts		No. of Meets
	Won	Lost	
W. F. McDevit.....	9	9	6
J. B. Clark.....	4	14	6
S. F. McCulloch.....	4	14	6

Epee:

A. W. Moseley, Jr.....	3	0	1
E. E. Botelho.....	13½	2½	6
J. C. Hawley.....	11½	4½	6
J. A. Vincent.....	3	5	3
W. DeW. Anderson.....	0	3	1

Sabre:

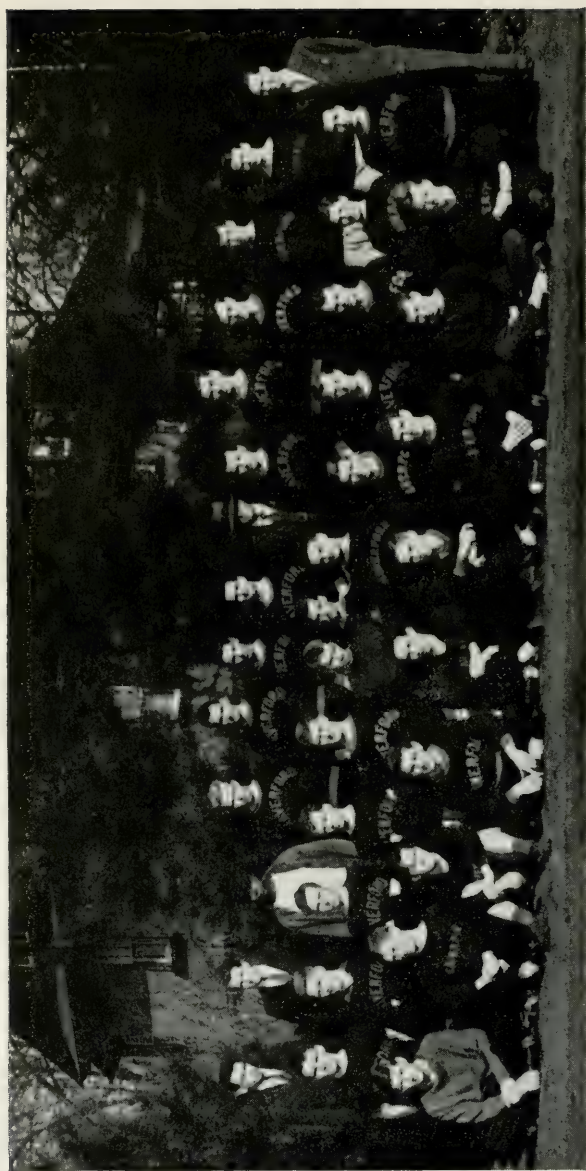
J. M. Syke.....	11	5	6
W. H. Colbert.....	7	4	4
J. A. Buttrick.....	9	7	6
R. J. Hunn.....	0	3	1
	—	—	
	75	71	

Bouts Won and Lost by Weapons

Weapon	Won	Lost
Foil	17	37
Epee	31	15
Sabre	27	19
	—	—
	75	71

Junior Varsity Meets

Feb. 25—Haverford.....	5	Pennsylvania J. V... 22—away
Mar. 10—Haverford.....	8	Penn Charter 19—home
Mar. 14—Haverford.....	3	Valley Forge 14—home



TRACK DEPARTMENT

Co-Captains

H. H. DERR, III, '39

J. C. WINGERD, '39

Coach

ALFRED W. HADDLETON

Manager

S. K. COFFMAN, JR., '39

Assistant Managers

J. W. WIEDER, JR., '40

C. J. SWIFT, '40

Awarded Track "H"

H. H. DERR, III, '39 (*Co-Captain*)J. C. WINGERD, '39 (*Co-Captain*)C. W. FISHER, '40 (*Captain-elect*)S. K. COFFMAN, JR., '39 (*Manager*)

R. L. BALDERSTON, '39

T. B. STEIGER, '39

C. S. BUSHNELL, JR., '39

H. MASON, '40

J. EVANS, '39

C. T. RAIRDON, '40

W. E. EVANS, '39

J. T. SHARKEY, '40

J. A. HOYER, '39

W. H. PILE, '41

J. E. LEWIS, '39

S. M. SNIPES, '41

T. D. SHIHADAH, JR., '39

R. W. DUNHAM, '42

W. C. FALCONER, '42

Awarded Track Numerals

W. H. G. WARNER, '39

T. F. MORIAN, '41

L. L. JANNEY, '40

R. H. SMITH, '41

C. K. PETERS, JR., '40

W. E. VELTE, '41

C. J. SWIFT, '40

P. F. MCLELLAN, '42

J. W. LONG, '41

D. M. POOLE, '42

J. W. WIEDER, JR., '40 (*Manager-elect*)D. B. BOYER, JR., '41 (*Asst. Mgr.-elect*)R. B. DICKSON, '41 (*Asst. Mgr.-elect*)

Shihadeh



Wingard

The Co-Captains

Derr



Steiger

Track Schedule, 1939

April 15—Lehigh	Away
April 19—Franklin and Marshall.....	Home
April 28—Johns Hopkins	Home
May 5—Swarthmore	Away
May 9—Gettysburg	Home
May 12, 13—M. A. S. C. A. A.	Away
May 20—Susquehanna, Drexel	Home

Track Results

April 15—Haverford.....	79	Lehigh	47
April 19—Haverford.....	67½	F. & M.	58½
April 28—Haverford.....	86½	Johns Hopkins	39½
May 5—Haverford.....	83	Swarthmore	43
May 9—Haverford.....	83 1/10	Gettysburg	42 9/10
May 20—Haverford.....	96½	Drexel	39½
		Susquehanna	18

Won—6

Lost—0

May 12, 13—M. A. S. C. A. A.....Haverford—3rd Place—30 Pts.

Individual Point Totals

Derr, H. H., III, '39.....	128	Balderston, R. L., '39..	10
Steiger, T. B., '39.....	80	Pile, W. H., '41.....	10
Wingerd, J. C., '39.....	50½	Janney, L. L., '40.....	8
Shihadeh, T. D., Jr., '39..	57	Peters, C. K., Jr., '40..	7
Mason, H., '39.....	34½	Evans, W. E., '39.....	6
Lewis, J. E., '39.....	34	Morian, T. F., '41.....	5
Fisher, C. W., '40.....	31	Long, J. W., '41.....	4
Rairdon, C. T., '40.....	26	Warner, W. H. G., '39.	3
Falconer, W. C., '42.....	20	Smith, R. H., '41.....	3
Dunham, R. W., '42.....	19	Swift, C. J., '40.....	1
Sharkey, J. T., '40.....	15	Velte, W. E., '41.....	1
Evans, J., '39.....	14	McLellan, P. F., '42....	1
Snipes, S. M., '41.....	13	Poole, D. M., '42.....	1
Bushnell, C. S., Jr., '39....	11½	Dawson, E. S., '40.....	7/10
Hoyer, J. A., '39.....	10½	Weyerbacher, K. W., '41	7/10
Hering, A. C., '40.....	1/5		

Record Broken

May 9—Two Mile: T. D. Shihadeh, Jr., '39.....10 min. 11 secs.
This breaks the record held by N. S. Shirk, '30 (1928)

Record Equaled

May 20—High Hurdles: T. B. Steiger, '39.....15.4 secs.
This ties the record held by S. R. Evans, '38 (1938)

The Walton Cup

Presented by Mr. Ernest F. Walton, of the Class of 1890, for the encouragement of individual athletic work and to be awarded annually to the student who wins the highest total of points in athletic competition during the year.

1939—HENRY H. DERR, III, '39.....128 points
(Second consecutive year)

Haverford College Track and Field Records

<i>Event</i>	<i>Record</i>	<i>Holder</i>	<i>Date</i>
100-Yard Dash....	9.9 secs.....	Joseph C. Wingerd, '39.	1937
220-Yard Dash....	22 secs.....	H. K. Ensworth, '29...	1928
440-Yard Dash....	50.2 secs.....	Walter Palmer, '10.....	1910
880-Yard Dash....	2 min. 0.8 secs....	R. F. Edgar, '31.....	1931
Mile Run.....	4 min. 34.6 secs....	R. F. Edgar, '31.....	1929
Two-Mile Run....	10 min. 11 secs....	T. D. Shihadeh, Jr., '39.	1939
High Hurdles....	15.4 secs.....	S. R. Evans, '38.....	1938
		T. B. Steiger, '39.....	1939
Low Hurdles....	24.4 secs.....	Henry H. Derr, III, '39.	1938
Broad Jump.....	23 ft. 7½ in.....	A. C. Thomas, Jr., '28..	1928
High Jump.....	6 ft. 2¾ in.....	S. S. Poorman, '37....	1935
Shot Put.....	46 ft. 5⅞ in.....	J. H. Morris, Jr., '30...	1930
Pole Vault.....	12 ft. 4 in.....	G. P. Foley, '32.....	1932
Javelin	180 ft. 9½ in.....	H. Montgomery, '25...	1925
Hammer Throw..	123 ft. 6 in.....	H. W. Jones, '05.....	1905
Discus	146 ft. ¼ in.....	J. H. Morris, Jr., '30...	1929

Haverford College Track—1922-1939

Summary of the Dual and Triangular Meets

1922-1939

			Tie	Total
Haverford.....	0	Amherst	2	2
Haverford.....	1	Bucknell	0	1
Haverford.....	6	Dickinson	1	7
Haverford.....	9	Delaware	0	9
Haverford.....	3	F. and M.....	1	4
Haverford.....	7	Johns Hopkins	2	10
Haverford.....	7	Lafayette	0	7
Haverford.....	8	Lehigh	3	11
Haverford.....	1	Muhlenberg	0	1
Haverford.....	2	Rutgers	0	2
Haverford.....	3	St. Joseph's	0	3
Haverford.....	2	Stevens	0	2
Haverford.....	1	Susquehanna	0	1
Haverford.....	11	Swarthmore	6	17
Haverford.....	1	Temple	0	1
Haverford.....	2	Union	0	2
Haverford.....	1	Ursinus	0	1
Haverford.....	0	William and Mary..	2	2
Haverford.....	1	Gettysburg	0	1
Totals		65	17	84

Triangular Meets

Haverford.....	1	Delaware	2	Ursinus	3
Haverford.....	3	Army	1	N. Y. U.	2
Haverford.....	2	Amherst	1	Swarthmore ...	3
Haverford.....	1	F. and M.....	2	St. Joseph's ...	3
Haverford.....	1	Juniata	2	Muhlenberg ...	3
Haverford.....	1	F. and M.	2	Ursinus	3
Haverford.....	1	Delaware	2	Drexel	3
Haverford.....	1	Drexel	2	Susquehanna ..	3

Won—6

Lost—2

The victory in the triangular meet on May 20, 1939, was the 27th consecutive victory.

CROSS COUNTRY—1938*Captain*

JAMES H. BREADY, '39

Coach

ALFRED W. HADDLETON

Manager

ROBERT B. ACKERMAN, '39

Assistant Manager

CHARLES J. SWIFT, '40

Awarded Cross Country "H"JAMES H. BREADY, '39 (*Captain*)WILLIAM E. VELTE, '41 (*Captain-elect*)**Awarded Cross Country Numerals**

CHARLES J. SWIFT, '40

JAN W. LONG, '41

WILSON H. PILE, '41

WILFRID L. SIMMONS, '41

Meets

October 28—Haverford..	39	F. & M.	16
November 4—Haverford..	7	Gettysburg	14
November 12—Haverford..	28	Johns Hopkins	27
November 19—Haverford..	29	(Swarthmore	26
		(Bridgewater	65

FRESHMAN TRACK MEETS—1939*Captain*

DAVID M. POOLE

Results

April 8—Freshmen.....	25	(Class of '39.....	62
		(Class of '40.....	31½
		(Class of '41.....	31½
April 27—Freshmen.....	63	(Penn Charter	49
		(Chestnut Hill Academy..	5
		(Valley Forge High	43½
May 3—Freshmen.....	54	(Westtown School	27
		(Germantown Academy..	18½
		(Episcopal Academy	42
May 10—Freshmen.....	41	(Frankford High	42
		(Friends Central	18
		(George School	64½
May 17—Freshmen.....	31	(Haverford School	36½

BASEBALL DEPARTMENT

Captain

R. L. JACKSON, '39

Coach

ROY E. RANDALL

Manager

S. M. DYE

Awarded Baseball "H"

R. L. JACKSON, '39 (<i>Captain</i>)	.....	shortstop
L. H. PALMER, '39	.....	pitcher
R. W. BEELER, '40	.....	catcher
S. L. BEERS, '40	.....	pitcher
F. A. LEWIS, '40	.....	field
A. A. MAGILL, '40	.....	field
K. A. PRESCOTT, '40	.....	second base
R. T. WILLIAMS, '40	.....	first base
G. R. STROHL, JR., '41	.....	field
A. L. DORIAN, '42	.....	pitcher
J. P. MAGILL, '42	.....	third base
S. M. DYE, '40	.....	manager

Schedule

March 29—Haverford...	5	Bridgewater	4 (a)
March 30—Haverford...	0	Virginia	13 (a)
March 31—Haverford...	5	Hampden-Sydney ..	11 (a)
April 11—Haverford...	4	Drexel	9 (a)
April 15—Haverford...	15	P. M. C.	4 (a)
April 19—Haverford...	6	Johns Hopkins ...	11 (h)
April 22—Haverford...	3	Stevens	7 (h)
April 26—Haverford...	..	P. M. C. ....	.. (h) rain
April 29—Haverford...	0	Hamilton	4 (h)
May 2—Haverford...	1	Delaware	5 (h)
May 5—Haverford...	3	Lehigh	14 (h)
May 6—Haverford...	5	Alumni	4 (h)
May 10—Haverford...	14	Stevens	7 (a)
May 11—Haverford...	2	Hampden-Sydney ..	9 (h)
*May 13—Haverford...	0	Swarthmore	0 (a)

* Game called at the end of the fifth inning—rain.



Pitcher's Records

	H.	I.	W.	L.	Pct.
Beers	53	38	0	4	.000
Dorian	17	25 $\frac{2}{3}$	3	1	.750
Howe	11	9	0	0	.000
Palmer	29	51 $\frac{1}{3}$	1	4	.200

Dorian beat Alumni, Bridgewater, Stevens.

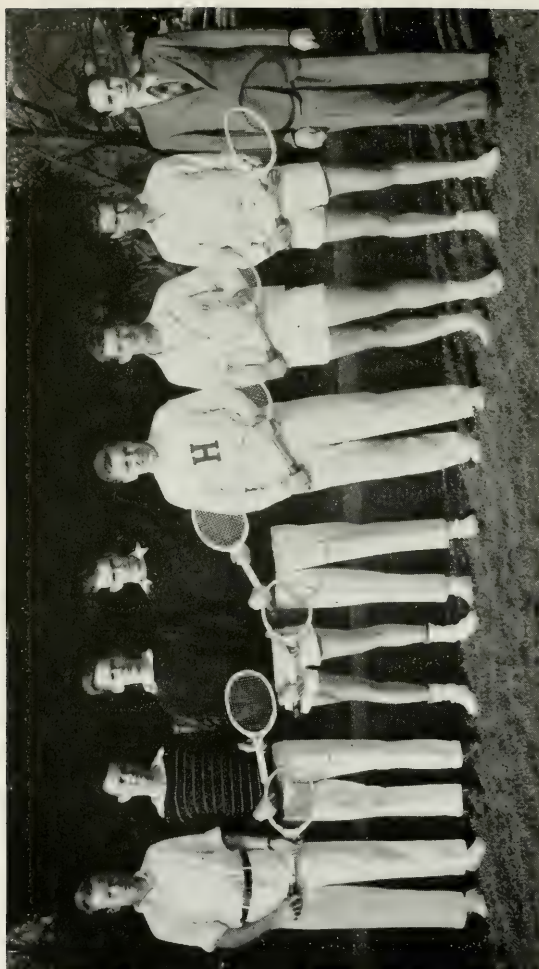
Palmer beat P. M. C., tied Swarthmore.

Fielding Averages for 1939

Player	G.	Pl.	E.	Pct.
Howe	6	5	0	1.000
Warner	2	3	0	1.000
Strohl	14	59	2	.966
Williams	14	108	4	.966
Watson	4	20	1	.950
Jackson	14	60	4	.933
Palmer	14	30	2	.933
Prescott	12	32	3	.906
J. Magill	14	52	5	.904
Beeler	14	104	12	.885
A. Magill	10	8	1	.875
Dorian	12	28	4	.857
Beers	7	25	5	.800
Lewis	13	25	5	.800
Childs	5	9	2	.777
Roberts	3	9	4	.555
Saxer	3	2	1	.500

Batting Averages for 1939

Player	G.	AB.	R.	H.	Pct.
Strohl	14	43	8	15	.349
Beeler	14	55	12	19	.345
Lewis	13	43	5	12	.279
Dorian	11	35	5	8	.229
J. Magill	14	55	9	11	.200
Jackson	14	45	5	9	.200
Prescott	12	23	4	4	.174
Palmer	14	30	5	5	.167
Williams	14	49	6	8	.163
Roberts	3	7	1	1	.143
Watson	4	7	1	1	.143
A. Magill	10	29	2	4	.138
Beers	7	9	0	1	.111
Childs	5	8	1	0	.000
Saxer	3	6	0	0	.000
Howe	6	2	0	0	.000
Warner	2	2	0	0	.000



TENNIS DEPARTMENT

Captain

J. M. FINLEY, '39

Coach

NORMAN B. BRAMALL

Manager

R. O. WHITSON, '39

Assistant Manager

J. A. VINCENT, '40

Awarded Tennis "H"

W. S. BONHAM, '39

R. L. DEWEES, '40

J. M. FINLEY, '39 (*Captain*)

H. T. HOYT, '40

S. S. ROSEN, '39

D. W. SHOEMAKER, '41

W. D. SHAW, '39

R. O. WHITSON, '39 (*Manager*)

Awarded Tennis Numerals

G. M. SWAN, '41

EDWARD FLACCUS, '42

Team Record, 1939

April 12—Ursinus	..... (away)	rain	
April 13—Drexel	..... (home)	7	2
April 19—Gettysburg	..... (away)	rain	
April 22—Muhlenberg	..... (home)	7	2
April 26—P. M. C.	..... (home)	rain	
April 28—Williams	..... (away)	rain	
April 29—Wesleyan	..... (away)	4	5
May 2—F. & M.	..... (home)	3	6
May 5—Albright	..... (home)	8	1
May 10—Stevens	..... (away)	3	6
May 13—Lafayette	..... (home)	rain	
May 17—Lehigh	..... (away)	1	8

Haverford won 3 matches, lost 5. P.C. .375

Individual Ratings

Men are in order of line-up

	Won	Lost	P.C.
Finley, John	5	3	.625
Shaw, Winslow	6	1	.857
Bonham, William	4	4	.500
Rosen, Seymour	3	5	.375
Shoemaker, David	4	4	.500
Hoyt, Hamilton	3	1	.750
Deweese, Robert	3	2	.600

Doubles' Team Ratings

	Won	Lost	P.C.
Finley-Shaw	0	7	.000
Bonham-Shoemaker	5	3	.625
Flaccus-Rosen	1	0	1.000
Deweese-Hoyt	2	4	.333
Deweese-Swan	0	1	.000
Deweese-Rosen	1	0	1.000

The Virginia Cup

The Virginia Cup was presented to Haverford College in 1925 by Professor Legh W. Reid. Tournament play for the Cup is held in May each year and is participated in by not more than sixteen players. The eight members of the first and second teams are permitted to compete for the Cup. The matches are the best three out of five sets. The name of each winner is engraved on the Cup.

The Virginia Cup Winner

1939—WINSLOW D. SHAW, '39

JUNIOR VARSITY TENNIS TEAM RECORD

Matches Played

	Hav.	Opp.
April 12—Penn Charter 1st	3	6
April 21—Phila. College Pharm. and Science...	8	1
April 25—Swarthmore J. V.	3	6
April 29—Temple Fr.	8	1
May 3—Valley Forge	2	3
May 6—Westtown	2	7
May 8—LaSalle	0	8
May 16—U. of Penn. Fr.	0	9
May 19—LaSalle	6	3
May 23—Haverford Freshmen	7	1

Won—4 Lost—6 Percentage— .400

Individual Standing

	Matches Played	Won	Lost	Aver.
Rosen	1	0	1	.000
Shoemaker	1	0	1	.000
Bolster	10	4	5	.400
Swan	9	4	5	.444
Newhall	9	3	6	.333
Stainton	8	4	4	.500
Deweese	2	1	1	.500
Mears	8	4	4	.500
Blackwell	5	2	3	.400
Ashbrook	2	1	1	.500
Chappell	2	2	0	1.000

Doubles' Standing

	Matches Played	Won	Lost	Aver.
Hoyt-Deweese	1	0	1	.000
Swan-Bolster	7	4	3	.571
Newhall-Stainton	8	5	3	.625
Branson-Ashbrook	1	0	1	.000
Deweese-Mears	1	0	1	.000
Blackwell-Mears	2	1	1	.500
Ashbrook-Mears	1	0	1	.000
Blackwell-Ashbrook	3	2	1	.667
Stainton-Mears	1	0	1	.000
Bolster-Mears	1	1	0	1.000
Chappell-Mears	1	1	0	1.000



GOLF DEPARTMENT

1939

*Captain**Manager*

JOHN FRENCH WILSON, JR.

CHARLES FREDERICK, II

Assistant Manager

JOHN EDWARD GROSS

Awarded Golf "H"

J. F. WILSON, JR.

M. W. STEEL

R. I. BURNSIDE

W. A. LIDDELL, JR.

J. E. GROSS

R. M. STEPTOE

C. F. MILLER, II

1939 Varsity Golf Team Record

Date	Opponent	Hav.	Opp.
April 5—	West Chester	8	1
April 11—	Swarthmore	1½	7½
April 13—	Western Maryland	6	0
April 14—	Temple	5½	3½
April 21—	University of Pennsylvania	2½	6½
April 27—	William and Mary	1	8
April 28—	Maryland	1	8
April 29—	Western Maryland	5½	3½
May 2—	Lehigh	5½	3½
May 4—	Johns Hopkins	4½	1½
May 9—	Swarthmore	1	8
May 10—	West Chester	5	1
May 15—	Alumni	1½	7½
May 20—	Lafayette	½	5½

Victories—7

Defeats—7

Varsity Team, Record of Individuals

Team Member	Won	Lost	Halved
Gross, John	7	6	0
Steptoe, Robert	6	6	1
Wilson, John	5	7	1
Burnside, Robert	4	7	2
Liddell, William	6	6	0
Steel, Maxwell	3	8	0
Miller, Charles	0	0	0



CRICKET DEPARTMENT*Captain*

J. P. TRENCH, '39

Captain-elect

E. R. SCHEFFER, '41

Coach

F. ASHTON

Manager

M. A. ORTON, '41

Assistant Manager

ARTHUR EVANS

Awarded Cricket "H"

JOHN N. RATCLIFFE, '42

Awarded Cricket Numerals

D. G. SANTER, '39

S. C. CLADER, '39

S. B. ANDRUS, '41

K. J. FOREMAN, JR., '42

R. C. FOLWELL, 3RD, '41

E. R. SCHEFFER, '41

Cricket Schedule, 1939

Haverford.....	30	Fairmount Park	92
Haverford.....	64	General Electric	106
Haverford.....	56	Tennyson	11
Haverford.....	94	Princeton University	19
Haverford.....	..	Fairmount	rain
Haverford.....	74	Ursinus	43
Haverford.....	45	General Electric	105

Cricket Prizes

Cope Prize Bat—J. P. TRENCH

Congdon Prize Ball—J. N. RATCLIFFE

Improvement Bat—S. B. ANDRUS

INTRAMURAL ATHLETICS

Manager

ALPHIEUS H. ALBERT, JR.

Intramural Committee

JOHN L. BIRKINBINE, *Chairman*

DONALD S. MERVINE

DOUGLAS M. LARSON

JOHN E. GROSS

LEON SOLIS-COHEN, JR.

FALL SPORTS

Intramural Touch Football

Team	Won	Lost	Tied	P.C.
New Lloyd	10	0	0	1.000
Center Barclay	8	2	0	.800
South Barclay	6	4	0	.600
Old Lloyd-North Barclay	4	6	0	.400
Merion Founders	2	8	0	.200
Grad. Students	0	10	0	.000

New Lloyd—Spaulding, Fisher, Mervine, Finley, Carroll and Lewis.

Intramural Soccer

Team	Won	Lost	Tied	Points
Lloyd	6	0	0	12
Center Barclay	4	2	0	9
North-South Barclay	2	4	0	4
Merion-Founders	0	6	0	0

Lloyd—Spaulding, Tinnon, Lewis, Carroll, Fisher, Birkinbine, Heilman, Warner, Roberts, Saxer, Clark.

Interclass Touch Football

Seniors	14	Juniors	0
Sophomores	28	Freshmen	14
Seniors	7	Sophomores	0

Seniors—Shaw, Wingerd, Birkinbine, Albert, Downing and Bown.

Interclass Soccer

Seniors	3	Juniors	1
Freshmen	1	Sophomores	0
Seniors	5	Freshmen	2

Seniors—Bushnell, Shaw, Wingerd, Coffman, Bown, Tinnon,
Lewis, Heilman, Birkinbine, Sharpe and Lillie.

Intramural Wrestling

Dorm	Points
Founders	15
North Barclay	12
Lloyd	12
Center Barclay	8
South Barclay	7
Merion	6
Day Students	1

Intramural Wrestling Champions

118-pound class :	Leon Solis-Cohen, North Barclay.
126-pound class :	Seymour S. Rosen, Merion.
135-pound class :	Charles Swift, Founders.
145-pound class :	Art Brown, Founders.
155-pound class :	Bob Smiley, Lloyd.
165-pound class :	Gene Szerlip, Founders.
175-pound class :	John Frazier, Center Barclay.
Heavyweight class :	Bob Balderston, Lloyd.

Intramural Basketball

Team	Won	Lost	P.C.
4th Entry (The Green Wave)	8	0	1.000
North Barclay	4	2	.667
New Lloyd	2	2	.500
South Barclay	2	4	.333
O. Lloyd-C. Barclay	2	4	.333
Merion-Founders	0	6	.000

High Scorer: Jake Lewis, The Green Wave, 56 points in 8 games.

Runner-up: Winslow Shaw, Center Barclay, 45 points in 6 games.

The Green Wave—Carroll, Mervine, Lewis, Steiger and Fisher.

Intramural Volleyball

Team	Won	Lost	P.C.
Angels	8	0	1.000
Ramblers	6	2	.750
Pole Katz	6	4	.600
Sleepovers	6	4	.600
Raiders	4	4	.500
Hardrocks	4	6	.400
Obelias	4	8	.333
Merion Geeps	1	3	.250
Hardbeats	0	3	.000

Angels: Shaw, Wingerd, Bushnell, Hoyer, Jaquette and Albert.

SPRING SPORTS

Team	Won	Lost	P.C.
North Barclay-Center Barclay	3	1	.750
Old Lloyd	2	2	.500
Merion-Founders	1	2	.333
South Barclay-New Lloyd	1	2	.333

North and Center Barclay defeated Old Lloyd, 7-0, in the playoff contest. The victors scored all their runs in the sixth inning when they knocked Stan Dye from the box. "Winnie" Shaw held the losers to six hits in shutting them out.

Team: Shaw, Solis-Cohen, Wyerbacher, Winslow, Shoemaker, Napier, Simmons, Janney, Fales, and Coursin.

DINGHY RACING

Commodore of Nautical Association—Edward I. Kohn, '40.

Ex-Commodore of Nautical Association—Maurice A. Webster, Jr., '39.

In the fall of 1938 Haverford again entered a team in the M. I. T. invitation regatta for the Boston Challenge Cup sailed on the Charles River Basin. The Haverford team was among the twelve out of twenty-six colleges to qualify for the finals in which they finished in eighth place. M. I. T. won the cup. The Haverford team consisted of:

Skippers—Kenneth A. Wright, '41, and James M. Willis, '41.

Crew—John A. Buttrick, '41, and Edward I. Kohn, '40.

In the spring of 1939 a Haverford team went to Princeton to sail in a quadrangular meet. Princeton, Lafayette, Haverford, and Rutgers was the final standing of the crews. The team:

Skippers—Maurice A. Webster, Jr., '39, and Kenneth A. Wright, '41.

Crew—Edward I. Kohn, '40, and John A. Buttrick, '41.

Haverford crews again competed for the Boston Challenge Cup at M. I. T. in the spring but failed to qualify for the finals. The cup was again won by M. I. T. The Haverford team:

Skippers—Kenneth A. Wright, '41, and Edward I. Kohn, '40.

Crew—Gerritt L. Ewing, '41, and Thomas M. Taft, '40.



HAVERFORD COLLEGE BULLETIN

Vol. XXXVIII

September, 1939

No. 1

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Act of October 3, 1917, authorized on July 3, 1918.

FACULTY, OFFICERS, ETC.

Name	Address (Haverford unless otherwise noted)	Telephone (Ardmore Exchange unless otherwise noted)
Allendoerfer, Carl B.	791 College Avenue	5426
Babbitt, Dr. James A.	Tunbridge and Blakely Rds. ...	50
Bernheimer, Richard M.	225 Roberts Rd., Bryn Mawr Bryn Mawr	2180 W
Betz, Ebon E.	Founders Hall, East	564
Bricker, Clark E.	Graduate House	2195
Brown, Henry Tatnall, Jr.	1 College Lane	1222
Bushnell, Joseph, 3rd	3019 Midvale Ave., Philadelphia.....	Germantown 0665
Cadbury, William Edward, Jr.	Graduate House	1779 W
Clement, Charles A.	Woodside Cottage	3109 J
Clement, Wilmer B.	Founders Hall, East	564
†Comfort, Howard	5 College Circle	3732
Comfort, William W.	South Walton Road	455
Docherty, William, Jr.	1521 Euclid Avenue, Philadelphia	
Drake, Thomas E.	2 Pennstone Road, Bryn Mawr Bryn Mawr	1534
Dunn, Emmett R.	748 Rugby Road, Haverford Bryn Mawr	2662
Evans, Arlington	324 Boulevard, Brookline, Upper Darby P. O., Pa.	Hilltop 2043
Fetter, Frank Whitson	5 Canterbury Lane, St. Davids, Pa.	Wayne 2449 J
FitzGerald, Alan S.	Warwick Rd. and Cotswold Lane, Wynnewood	1404
Flight, J. W.	753 College Avenue	4409 W
Gentle, James	% Penn Mutual Life Insur- ance Co., 6th & Walnut Streets, Philadelphia Lom.	7300
Gummere, Henry V.	Apt. B-207, Shirley Court, Upper Darby, Pa. Boulevard	1307 W
Haddleton, A. W.	29 Tenmore Road ...	Bryn Mawr 1235 W
Hawley, Roger S.	Graduate House	2195
Henry, H. K.	1464 Drayton Lane, Penn Wynne, Pa.	1254 M
Herndon, John G., Jr.	2 College Lane	364
Hetzel, Theodore B.	768 College Avenue	4393 W
Holmes, Clayton W.	3 College Lane	195 W
*Hotson, J. Leslie	3 College Circle	1312
Johnston, Robert J.	Woodside Cottage	1402 W
Jones, Rufus M.	2 College Circle	2777
Jones, Thomas O.	Founders Hall, East	564
Kelly, John A.	3 College Lane	4160
Kelly, Thomas R.	791 College Avenue	203 R
Lafford, Lindsay A.	Founders Hall, East	2886
Lester, John A., Jr.	Founders Hall, East	564
Liljenstein, Cecil C.	Founders Hall, East	564
Lockwood, Dean P.	6 College Circle	1402 J
†Lunt, William E.	5 College Lane	1507 W
MacIntosh, Archibald	830 Buck Lane	961 J
Melchior, Montfort V.	129 Radnor St., Bryn Mawr, Pa.	Bryn Mawr 1315
Meldrum, William B.	747 College Avenue	881 J
Montgomery, George	6124 Columbia Ave., Overbrook, Pa. Greenwood	7811
Oakley, Cletus O.	Featherbed Lane	3109 W
Palmer, Frederic, Jr.	7 College Lane	97 R
Pfund, Harry W.	637 Walnut Lane	5532
Post, L. Arnold	9 College Lane	258 M
Pratt, Henry S.	4 College Circle	870 J
Randall, Roy E.	3 College Lane	195 J
Rantz, J. Otto	2122 Chestnut Ave., Ardmore, Pa.	
*Reitzel, William A.	637 Walnut Lane	4185 W
Rittenhouse, Leon H.	6 College Lane	791 J
Snyder, Edward D.	36 Railroad Avenue	712
Steere, Douglas V.	739 College Avenue	162 J
Sutton, Richard M.	785 College Ave., facing Walton Road	4155 W
†Swann, Alfred J.	21 Oberlin Avenue, Swarthmore Pa.	Swarthmore 661
Taylor, Dr. Herbert W.	457 Lancaster Avenue	2383
Teaf, Howard Morris, Jr.	207 W. Plumstead Avenue, Lans- downe, Pa.	Madison 4297 J
Walton, Francis R.	417 Anthwyn Road, Merion, Pa. Narberth	2464
Watson, Curtis B.	773 College Avenue	2937
Watson, Frank D.	773 College Avenue	2937
Williamson, Alexander Jardine ...	4 College Lane	4023
Wills, William Mintzer	342 Merion Road, Merion, Pa. Merion	521
Wilson, Albert H.	765 College Avenue	1853

*Absent on leave, first term, 1939-40.

**Absent on leave, second term, 1939-40.

†Absent on leave, 1939-40.

COLLEGE OFFICE AND BUILDING TELEPHONES*

Alumni Office, Joseph Bushnell, 3rd, Secretary, Haverford Union . . .	4338
Barclay Hall, North	439
Barclay Hall, South	2993
Barclay Hall, Centre	68
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Dean, H. Tatnall Brown, Jr.	1441
Dean of Freshmen in Charge of Admissions, A. MacIntosh . . .	1441
Founders Hall, East	564
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Merion Hall Annex	
Morris Infirmary	763
President, W. W. Comfort	221
Power House	988
Research Laboratory, Alan S. FitzGerald, Director	5092
Sharpless Hall (Physics and Biology)	950
Skating Pond	389
Steward, Charles A. Clement	2942
Supt. of Buildings and Grounds, R. J. Johnston	2942

*Ardmore Exchange.

STUDENTS IN THE COLLEGE

In the last column is given the number of the student's dormitory room: Bn is an abbreviation for Barclay Hall, North; Bc, for Barclay Hall, Centre; Bs, for Barclay Hall, South; F, for Founders Hall; G, for Graduate House; L, for Lloyd Hall; M, for Merion Hall; D, for day student. The field of major concentration is indicated in parentheses.

GRADUATE STUDENTS

Name	Home Address	College Address
BRICKER, CLARK EUGENE.....	(A. B., Gettysburg College, 1939)	G
Shrewsbury, Pa.	(Chemistry)	
BUYERS, ROBERT ARMOUR.....	(A. B., Hampden-Sydney College, 1939)	D
Christiana, Pa.	(Chemistry)	
CHARLES, JOHN FORREST.....	(A. B., University of Michigan, 1939)	G
2510 College Street, Cedar Falls, Iowa	(History)	
CLARKSON, GEORGE EDWARD.....	(A. B., Drew University, 1939)	
67 E. Genesee Street, Skaneateles, N. Y.	(Philosophy)	
(Living at Pendle Hill, 1939-40)		
COLKET, MEREDITH BRIGHT, JR.....	(A. B., Haverford College, 1935)	G
15 N. Wyoming Avenue, Ardmore, Pa.	(History)	
CROSBY, KENNETH WARD.....	(B. S., Wilmington College, 1939)	G
Killbuck, Ohio	(History)	
DIAMOND, STANLEY STUART.....	(A. B., University of Wichita, 1939)	G
3217 Oakland, Wichita, Kans.	(Government)	
HAWLEY, ROGER S.....	(B. S., Earlham College, 1938)	G
Boston, Indiana	(Chemistry)	
JAENICKE, JOHANNES CHRISTOF JOACHIM.....	(University of Geneva, 1938)	G
52 rue des Paquis, Geneva, Switzerland	(History)	
KRON, SAMUEL D.....	(A. B., University of Pennsylvania, 1939)	D
300 E. Roosevelt Blvd., Philadelphia, Pa.	(Chemistry)	
LILJENSTEIN, CECIL C.....	(B. S., Middlebury College, 1938)	F
3 Crocker Street, New London, Conn.	(Physics)	
MESNER, DELBERT CHARLES.....	(A. B., Nebraska Central College, 1939)	G
Central City, Nebr.	(Economics)	
MUNRO, DONALD H.....	(S. B., Haverford College, 1939)	G
526 Kerper Street, Philadelphia, Pa.	(English)	
PETTIBONE, EARL WINTON, JR.....	(A. B., University of Washington, 1939)	G
Veradale, Spokane Co., Washington	(Economics)	
WATSON, CURTIS B.....	(A. B., Brown University, 1938)	D
773 College Avenue, Haverford, Pa.	(English)	

SENIOR CLASS—1940

Name	Home Address	College Address
ALLEN, ERNEST GRIFFIN.....	(Greek) 3345 Woodland Avenue, Philadelphia, Pa.	D
ALLEN, GEORGE RANKIN.....	(Latin) 3345 Woodland Avenue, Philadelphia, Pa.	D
ATKINSON, HORACE CONRAD.....	(French) Wrightstown, Bucks County, Pa.	11 F
BALIVET, HENRI PHILLIP, JR.....	(English) 384 N. Fullerton Avenue, Montclair, N. J.	37 L
BAUM, CHESTER EARLE, JR.....	(English) Delaware City, Delaware	14 M
BEELER, RICHARD WILLIAM.....	(Astronomy) 34 Harvard Road, Brookline, Pa.	120 M
BEERS, STEWART LORING.....	(English) 123 Union St., Bridgewater, Mass..	3 F
BROWN, ARTHUR ELLIS.....	(Chemistry) 226 Dickinson Avenue, Swarthmore, Pa.	9 F
CH'EN, FRANCIS J.....	(Economics) 35 Nathan Road, Koroloon, Hongkong, China	10 Bs
COURSIN, DAVID BAIRD	(Chemistry) 1608 Lawndale Avenue, McKeesport, Pa.	68 Bn
DARNELL, EMERSON LIPPINCOTT	(Government) 40 N. Main Street, Medford, N. J.	37 L
DAWSON, EDWIN SCOTT	(Engineering) 4517 Garfield St., N. W., Washington, D. C.	72 Bn
DEWEES, ROBERT LOVETT	(Chemistry) Sweetwater Farm, Glen Mills, Pa.	12 L
DUNCAN, JOHN ALLEN	(Government) 4 Mentelle Park, Lexington, Ky.	19 Bs
DYE, STANLEY MARVIN	(Government) 320 Berkeley Street, Rochester, N. Y.	16 L
FISHER, CHARLES WORLEY.....	(English) 26 Llandillo Road, Llanerch, Pa.	23 F
FLACCUS, DAVID PERRY	(Government) 109 Bryn Mawr Avenue, Lansdowne, Pa.	120 M
FLEISCHMAN, STEPHEN WILLIAM	(English) 3 Highland Court, Far Rockaway, L. I., N. Y.	30 L
GOEPP, ROBERT HAMILTON	(History) 4047 Pine Street, Philadelphia, Pa.	28 L
GOODYEAR, HARRY JOHN, JR.....	(Economics) 150 Pitman Avenue, Pitman, N. J.	5 F
GROSS, JOHN EDWARD	(Economics) Fort Belvoir, Va.	22 Bs
HALSEY, WILLIAM DARRACH, JR.	(English) 44 Westland Avenue, West Hartford, Conn.	30 L
HENDERSON, HANFORD MEAD, JR.	(French) 82 Washington Place, New York, N. Y.	116 M
HERING, ALEXANDER CHANDLEE	(English) Hillbrook, Lawrence Farms South, Mount Kisco, N. Y.	12 L
HOFFMAN, JOHN THOMAS	(Economics) 218 Sinclair Place, Westfield, N. J.	43 Bc
HOYT, HAMILTON TAYLOR	(Government) 2428 E. Linwood Avenue, Milwaukee, Wis.	35 L

Name	Home Address	College Address
HUNN, ROBERT JOSEPH	(Mathematics) 5034 41st St., N. W., Washington, D. C.	16 F
JANNEY, LEWIS LAMAR	(Philosophy) Hollins College, Virginia	68 Bn
JOHNSON, SAMUEL FREDERICK	(English) 508 Brookline Boulevard, Brookline, Upper Darby, Pa.	D
KOHN, EDWARD IRVING	(Government) 3415 Clarks Lane, Baltimore, Md.	35 L
LEWIS, FIELD ALLEN	(Government) Holiday Hill, R. D. 2, Newtown, Bucks Co., Pa.	120 M
LINDLEY, JOHN MARSHALL, JR.	(Economics) 52 Garden Road, Wellesley Hills, Mass.	16 L
MAGILL, ARTHUR ANDREWS	(Physics) 117 Carpenter Lane, Mt. Airy, Philadelphia, Pa.	24 L
MASON, ELLIOTT.....	(Chemistry) 640 Rahway Road, Westfield, N. J.	14 F
MASON, HAYDEN	(French) 640 Rahway Road, Westfield, N. J.	20 F
MCCONNELL, ROBERT WILSON, JR.	(Government) 1221 Wakeling Street, Frankford, Philadelphia, Pa.	15 L
MCDEVIT, WILLIAM FERRIS	(Chemistry) 185 Forest Avenue, Tompkinsville, N. Y.	23 Bs
MECHLING, JAMES ELLIOTT	(Economics) Riverton Road, Moorestown, N. J.	38 L
NOVA, FRITZ	(Government) 2 Via Caunillo Hajech, Milan, Italy	22 F
PETERS, CHARLES K., JR.	(History) 134 S. Lansdowne Avenue, Lansdowne, Pa.	15 L
POOLE, RICHARD ARMSTRONG	(Government) 12 Hobart Avenue, Summit, N. J.	15 L
PRESCOTT, KENNETH ADAMS	(Philosophy) 32 School Street, Sanford, Maine	120 M
RAIRDON, CHARLES THOMAS	(Chemistry) 3772 Beechway Boulevard, Toledo, Ohio	12 L
REICHEL, ANDRE WLADIMIR.....	(Engineering) 12 Michigan Road, Bellerose, L. I., N. Y.	18 L
SCHAEFFER, ROBERT L., JR.	(Biology) 32 N. 8th Street, Allentown, Pa.	22 Bs
SHARKEY, JOHN TIERNAN	(Economics) 230 South 21st Street, Philadelphia, Pa.	1 F
SIMPSON, JOHN CHRISTOPHER, JR.	(English) 920 Swede Street, Norristown, Pa.	14 M
STEEL, MAXWELL WENSEL, JR.....	(Biology) 226 Penn Street, Huntingdon, Pa.	15 F
SWIFT, CHARLES JAMES	(Physics) 1111 Bancroft Parkway, Wilmington, Del.	17 F
TAFT, THOMAS MELVILLE	(Government) Cornwall-on-Hudson, New York	16 L
VINCENT, JAMES ALEXANDER	(History) 1 Glover Street, Barton, Vt.	13 M
WIEDER, JOHN WILLIAM, JR.	(Mathematics) 19 Guernsey Avenue, Abington, Pa.	43 Bc

Name	Home Address	College Address
WILLIAMS, ROBERT THOMAS	(French) Germantown Pike, Plymouth Meeting, Pa.	D
WILSON, DAVID RYDER	(English) 212 E. 48th Street, New York, N. Y.	38 L
WOLFINGER, CHARLES HOBSON	(Economics) Curren Terrace, Norristown, Pa.	36 L
WOOD, JAMES WILLIAM, JR.	(French) 803 E. 20th Street, Chester, Pa.	28 L

JUNIOR CLASS—1941

ADLER, FRANCIS ERDMAN	(English) Huron Lane, Chestnut Hill, Philadelphia, Pa.	D
ALLINSON, EDWARD PAGE, JR.	(Economics) Town's End Farm, West Chester, Pa.	26 L
ANDRUS, STEPHEN BOURNE	(Chemistry) 1903 Girard Avenue, South, Minneapolis, Minn.	32 L
ARNOLD, DAVID BARRETT	(French) 128 Bard Avenue, West Brighton, S. I., N. Y.	24 Bs
ARTHUR, ROBERT PALMER	(German) 637 Walnut Street, McKeesport, Pa.	D
ASHBROOK, ARTHUR GARWOOD, JR.	(Economics) 88 Admiral Dewey Avenue, Ingram, Crafton P. O., Pa.	37 Bc
BLACKWELL, HAROLD RICHARD.	(English) 108 Pinehurst Avenue, Salisbury, Md.	17 Bs
BLUM, HOWARD LOURIA	(Chemistry) 885 Park Avenue, New York, N. Y.	25 L
BOLSTER, RICHARD HAWKS, II	(Biology) Littlebrook Road, Berwyn, Pa.	D
BOTELHO, EUGENE EVANS	(Biblical Literature) 19 Louella Court, Wayne, Pa.	D
BOYER, DANIEL B., JR.	(Government) Boyertown, Pennsylvania	29 Bc
BRANSON, ALBERT DELANO	(Economics) 167 Owen Avenue, Lansdowne, Pa.	37 Bc
BUTTRICK, JOHN ARTHUR	(Economics) 960 Park Avenue, New York, N. Y.	31 L
CHAMBERS, TORRENCE HARRISON	(Engineering) 116 Ardmore Avenue, Ardmore, Pa.	D
CHAPPELL, SAMUEL M.	(German) New London, Conn.	5 Bs
CHESTNUT, DAVID THOMAS	(French) 659 Rector Street, Roxborough, Philadelphia, Pa.	D
CLARK, JOHN BURT	(Chemistry) 4638 S. Fremont Avenue, Minneapolis, Minn.	29 L
CLEMENT, HERBERT LEE	(Sociology) 506 Essex Avenue, Narberth, Pa.	D
CORNMAN, HENRY DENNIS	(Chemistry) Conshohocken State Rd. and Greaves Lane, Gladwyne, Pa.	D
DAVIS, HUNT	(Engineering) 1412 Twentieth Street, Rock Island, Ill.	39 Bc
DICKSON, ROBERT BRUCE	(Mathematics) 908 Andrews Avenue, Collingdale, Pa.	D
DORSEY, JOHN WORTHINGTON	(Engineering) 36 Huffman Avenue, Washington, Pa.	31 Bc

Name	Home Address	College Address
ENGELHARDT, EDWARD LOUIS	(Chemistry) 100 Maple Avenue, Narberth, Pa.	D
EVANS, CHRISTOPHER	(Biology) 6014 Chew Street, Philadelphia, Pa.	24 L
EVANS, ROBERT WHITESIDE, JR.	(Government) 239 Walnut Street, Pottstown, Pa.	21 Bs
EVERT, ROBERT NASH	(Chemistry) Northern Pacific Hospital, Glendive, Mont.	38 Bc
EWING, GERRITT LOOS	(English) Fair Haven Road, Fair Haven, N. J.	27 L
FINGER, LOUIS JUDAH	(Economics) 2305 Harrison Street, Wilmington, Del.	40 Bc
FOLWELL, ROBERT COOK, 3d	(Biology) Mullica Hill, New Jersey	2 M
GARMEY, JOHN DAVID	(English) 7614 Colonial Road, Brooklyn, N. Y.	31 Bc
GIFFORD, PHILIP COLLINS, JR.	(Sociology) 468 Hope Street, Providence, R. I.	12 F
GROSHOLZ, EDWIN DEHAVEN	(Government) 112 Schoolhouse Lane, Ardmore, Pa.	D
HAWLEY, JOHN CHADWICK	(French) American Consular Service, Oporto, Portugal	5 Bs
HECHT, ROBERT EMANUEL, JR.	(Latin) 3505 Calvert Street, Baltimore, Md.	3 L
HEMPHILL, GEOFFREY	(Biology) 243 N. Mountain Avenue, Upper Montclair, N. J.	32 Bc
HIBBARD, JOHN BARR	(Philosophy) 1816 Chicago Avenue, Evanston, Ill.	44 Bc
HICKS, GORDON DEPENCIER	(Sociology) 160 Highland Avenue, Middletown, N. Y.	23 L
HOLMES, HENRY KELMAN	(Philosophy) 3430 81st Street, Jackson Heights, N. Y.	4 F
INGLIS, ANDREW FRANKLIN	(Physics) Pellston, Michigan	39 Bc
KENT, ROGER BETTS	(German) 1904 Lauderdale Road, Louisville, Kentucky	26 L
KING, BENTON DAVIS	(Chemistry) 357 Sylvan Street, Rutherford, N. J.	33 L
LACHMAN-MOSSE, GERALD	(English) 645 West End Avenue, New York, N. Y.	10 F
LIDDELL, WILLIAM ANDREW, JR.	(History) 4628 - 23rd Road, Arlington, Va.	3 L
LITTLE, THOMAS	(English) Ashburnham, Mass.	32 Bc
LONG, JAN WINSTON	(Biology) 433 W. 21st Street, New York, N. Y.	6 F
LONGLEY, JAMES BAIRD	(Biology) % Mrs. R. S. Lanier, 412 Hawthorne Road, Baltimore, Md.	1 M
LOWE, DONALD BLAIR, JR.	(Engineering) 1156 W. Exchange, Akron, Ohio	34 L
MCNEILL, JOHN REID	(Chemistry) 239 W. 8th Street, Erie, Pa.	23 L
MILLER, WILLIAM KELLER	(Economics) 2033 Willemoore Avenue, Springfield, Ill.	31 L

Name	Home Address	College Address
MORIAN, TUCKER FRAZER	(Economics) 506 Anthwyn Road, Merion, Pa.	30 F
MOSELEY, MERRITT WAYNE.....	(Economics) 333 North Princeton Avenue, Swarthmore, Pa.	29 L
MURPHY, SAMUEL MILLARD, JR.	(Chemistry) 29 Bellair Driveway, Dobbs Ferry, N. Y.	38 Bc
NAPIER, ARTHUR HOWELL, JR.	(Sociology) 503 E. Willow Grove Avenue, Chestnut Hill, Philadelphia, Pa.	27 L
NEAL, J. PHILIP	(Biology) 106 N. 34th Street, Philadelphia, Pa.	13 F
NEWHALL, WILLIAM FREEMAN	(Chemistry) 36 Tenmore Road, Haverford, Pa.	D
NICHOLS, CLYDE KINGSLEY, JR.	(History) County Street, Rehoboth, Mass.	D
PILE, WILSON HUNT	(Engineering) 622 S. 42nd Street, Philadelphia, Pa.	25 L
ROWLAND, PAUL CHARLES.....	(Economics) Columbia, Conn.	36 L
SCHEFFER, EDWARD RHEINARD.....	(Chemistry) 2508 E. Stratford Court, Milwaukee, Wis.	21 Bs
SHOEMAKER, DAVID WILSON	(Economics) 510 Riverview Road, Swarthmore, Pa.	25 Bc
SIMMONS, WILFRID LEE	(History) Box 10, Hebron, N. H.	25 Bc
SMITH, HENRY AUGUSTINE, JR.	(History) 26 Rockledge Road, Newton Highlands, Mass.	23 Bs
SMITH, MALCOLM KINMONTH, JR.....	(Sociology) 22 Madison Avenue, Morristown, N. J.	12 M
SMITH, ROBERT HENRY	(Economics) 14901 Lake Avenue, Lakewood, Ohio	32 L
SNIPES, SAMUEL MOON	(Economics) Lincoln Highway, Morrisville, Pa.	30 F
SOLIS-COHEN, LEON, JR.	(Government) 906 69th Avenue, Philadelphia, Pa.	70 Bn
STANTON, WILLIAM WHITFIELD	(Government) 2946 Berkley Road, Ardmore, Pa.	D
STROHL, G. RALPH, JR.	(Mathematics) 24 E. Clearfield Road, Oakmont, Upper Darby, Pa.	D
STUART, HARRY HARLAN	(Engineering) 161 N. June Street, Los Angeles, Calif.	38 Bc
SWAN, GEORGE MYRON, JR.	(Philosophy) 1325 Inverness Street, Pittsburgh, Pa.	12 Bs
SWIGERT, JOHN BRUCE	(Economics) 418 Birdwood Avenue, Haddonfield, N. J.	D
VELTE, WILLIAM ELKANAH	(German) 340 W. 7th Street, Chester, Pa. Studying in Switzerland during 1939-40	
VOGT, ROY SCHOPPAUL	(Economics) 90 Prospect Hill Avenue, Summit, N. J.	24 Bs
WAGNER, LANSING PRAY	(Biology) 108 Holden Green, Cambridge, Mass.	19 F
WATSON, WILLIAM ROBERTSON, JR.	(Economics) Avon Road, Bryn Mawr, Pa.	44 Bc

Name	Home Address	College Address
WEBB, JOHN LONGANECKER, JR.	(Engineering) 500 Baird Road, Merion, Pa.	30 F
WEYERBACHER, KENNETH WILLIAM	(History) 20 Degonia Road, Boonville, Ind.	29 Bc
WILLIS, JAMES MOORE	(Economics) 109 Hudson Terrace, Yonkers, N. Y.	34 L
WINSLOW, ROBERT GAREY	(Chemistry) 1902 Mt. Royal Terrace, Baltimore, Md.	44 Bc
WRIGHT, KENNETH ALDRO	(Physics) 2134 Wyoming Avenue, N. W., Washington, D. C.	33 L
ZIEGLER, HOWARD EDWARD, JR.	(History) 855 Montgomery Avenue, Narberth, Pa.	D

SOPHOMORE CLASS—1942

ABBOTT, CHARLES CONRAD	R. D. 2, Bristol, Pa.	4 L
ADDOMS, JAMES NEAL	864 Park Place, Brooklyn, N. Y.	5 L
ALDRIDGE, GEORGE LEWIS	401 Stiles Avenue, Maple Shade, N. J.	61 Bn
ANDERSON, WARREN DEWITT	537 45th Street, Brooklyn, N. Y.	7 F
BAUER, RICHARD DEMME	Alden Park Manor, Philadelphia, Pa.	115 M
BEDROSSIAN, E. HOWARD	531 Foss Avenue, Drexel Hill, Pa.	13 L
BELL, EDGAR DAWSON, JR.	Clearvue Road, Ingomar, Pa.	11 L
BOYSEN, ALFRED CHARLES, JR.	25 Tyson Avenue, Glenside, Pa.	D
BRODHEAD, BICKLEY BURNS	340 W. State Street, Media, Pa.	42 Bc
BROUS, NORMAN SCATTERGOOD	254 High Street, Germantown, Philadelphia, Pa.	D
BROWN, KNOX	404 S. Linden Avenue, Pittsburgh, Pa.	41 Bc
BROWN, RICHARD WILLITS	Downingtown, Pa.	59 Bn
BURFORD, NOBLE ALBERT, JR.	42 Hill Road, Louisville, Ky.	60 Bn
CADBURY, THOMAS LLOYD	12 High Street, Moorestown, N. J.	6 M
CHAMBLISS, DAVID JOHNSON	Lookout Mountain, Tennessee	3 L
CHILDS, ELEAZER EDWARDS	8 Brattle Road, Syracuse, N. Y.	60 Bn
CLARK, JOHN ARTHUR	250 N. Mountain Avenue, Montclair, N. J.	26 Bc
COCHRAN, THOMAS CUNNINGHAM, JR.	206 S. Pitt Street, Mercer, Pa.	11 L
COSTIC, PETER JEROME	106 N. East Street, Sayre, Pa.	18 L
CRAWFORD, JOHN AVERY	651 Chestnut Street, Meadville, Pa.	14 Bs

Name	Home Address	College Address
DORIAN, ALAN LLOYD.....	7101 Hampden Lane, Bethesda, Md.	22 L
DUNHAM, ROBERT WILMER.....	6863 N. 19th Street, Philadelphia, Pa.	41 Bc
DYE, ROY AUGUSTUS, JR.....	111 Milton Street, Aliquippa, Pa.	113 M
ELLIOTT, JOHN YOUNG.....	Alderson—Broadus College, Philippi, W. Va.	42 Bc
EMERY, DAVID AMOS.....	919 Creston Avenue, Des Moines, Iowa	4 L
EMERY, EDGAR R.....	228 West Brown Street, Norristown, Pa.	D
EVANS, ARTHUR	Awbury, Germantown, Philadelphia, Pa.	1 Bs
FALCONER, WALTER CROSS.....	170 Pine Street, East Aurora, N. Y.	110 M
FARQUHAR, JOHN DENNEY.....	602 Second Street, California, Pa.	5 L
FLACCUS, EDWARD	109 Bryn Mawr Avenue, Lansdowne, Pa.	21 L
FLICK, JOHN BERNARD, JR.....	629 Gulph Road, Bryn Mawr, Pa.	D
FOREMAN, KENNETH JOSEPH, JR.....	Davidson, N. C.	21 F
FOX, DAVID SHARPLESS.....	5617 Dorchester Avenue, Chicago, Ill.	14 Bs
FRANZEN, WOLFGANG	35 Hamilton Place, New York, N. Y.	8 F
FRAZIER, JOHN JORY.....	14 West Avenue, Bridgeton, N. J.	33 Bc
FUST, JOHN ABERCROMBIE.....	231 W. 7th Street, Erie, Pa.	22 L
GARY, JAMES FREDRICK	300 Yale Avenue, Swarthmore, Pa.	6 M
GRIER, LOUIS NORMAN, JR.....	6931 Church Avenue, Ben Avon, Pittsburgh, Pa.	13 L
GUENTHER, JACOB JARDEN, JR.....	510 Chester Road, Swarthmore, Pa.	D
HAIGHT, JAMES RALPH, JR.....	631 Ellet Street, Philadelphia, Pa.	8 M
HAMBIDGE, GOVE, JR.....	310 Rosemary Street, Chevy Chase, Md.	18 F
HARPER, HEBER REECE.....	223 Dalzell Avenue, Ben Avon, Pittsburgh, Pa.	15 Bs
HARRINGTON, EDWIN	Sheaff Lane, Whitmarsh, Pa.	64 Bn
HASTINGS, FRANK WILLARD.....	45 E. Church Road, Elkins Park, Pa.	22 F
HAUGHTON, ANSON BALDWIN.....	Radnor, Pa.	D
HAWORTH, TIMOTHY PEYTON.....	Brookside Road, Wallingford, Pa.	19 L
HOWE, GORDON WALTER.....	7 Crandall Street, Adams, Mass.	21 L

Name	Home Address	College Address
HSU, TA CHUN.....	% Chinese Embassy, Washington, D. C.	11 Bs
JOHNSTON, FRANK DALLAS.....	1432 Columbus Avenue, Pittsburgh, Pa.	11 L
JOHNSTONE, HENRY WEBB, JR.....	Delwick Lane, Short Hills, N. J.	26 Be
JONES, THOMAS CANBY.....	1033 17th Avenue, N., Nashville, Tenn.	19 L
KAY, RICHARD	600 W. Olney Avenue, Philadelphia, Pa.	5 L
KING, LOWELL	Silvermine Road, New Canaan, Conn.	8 M
KIRKPATRICK, MALCOLM SUYDAM	Forsgate Drive, Jamesburg, N. J.	59 Bn
KUNKEL, PETER.....	Kaiserdamm 102, Berlin—Charlottenburg 5, Germany	58 Bn
LAWRENCE, LINWOOD THEODORE, JR.....	210 W. Mt. Pleasant Avenue, Philadelphia, Pa.	33 Be
LEWIS, GEORGE CAMPBELL, JR.....	812 Summit Grove Avenue, Bryn Mawr, Pa.	D
MAGILL, JAMES PHINEAS, 2ND.....	117 Carpenter Lane, Mt. Airy, Philadelphia, Pa.	22 L
MAYER, RICHARD ROWLANDS.....	116 Amstel Avenue, Newark, Del.	13 Bs
MCCULLOCH, SAMUEL COLIN.....	1466 Harbert Avenue, Memphis, Tenn.	17 M
MCGANN, MALCOLM HOBART, JR.....	62 King Street, Reading, Mass.	5 M
MCLELLAN, PHILIP FLETCHER.....	Martin and Old Railroad Avenues, Bryn Mawr, Pa.	D
MELDRUM, WILLIAM BUELL, JR.....	747 College Avenue, Haverford, Pa.	D
MILLER, ROBERT EVERTS, JR.....	2033 Willemore Avenue, Springfield, Ill.	61 Bn
O'CONNOR, PAUL RADELL.....	2629 N. Maryland, Milwaukee, Wis.	20 L
OLSON, CHARLES ALEXANDER, JR.....	301 E. 21st Street, New York, N. Y.	109 M
OULAHAN, GEORGE MCCALL COURTS.....	1518 31st Street, N. W., Washington, D. C.	19 L
POOLE, DAVID MANCHESTER.....	12 Hobart Avenue, Summit, N. J.	20 L
POTTER, RICHARD JACKSON.....	2011 Greenberry Road, Baltimore, Md.	15 M
REED, KARL GARDENER	113 Llanfair Road, Ardmore, Pa.	D
RHODIN, THOR N., JR.....	543 E. 9th Street, Brooklyn, N. Y.	21 F
ROBERTS, KENNETH STOKES.....	201 Chestnut Street, Moorestown, N. J.	21 L
SAXER, LEWIS PAUL.....	4631 Lancaster Avenue, Philadelphia, Pa.	D
SCHAEFFER, CHARLES DAVID.....	30 N. 8th Street, Allentown, Pa.	58 Bn

Name	Home Address	College Address
SENSENIQ, DAVID MARTIN.....	309 Bangor Road, Bala-Cynwyd, Pa.	D
SKERRETT, W. HENRY W., JR.....	Wayne, Pa.	D
SPAULDING, DONALD CHAPMAN.....	18 N. 23rd Street, Camp Hill, Pa.	114 M
STARR, ROBERT WALTER, 3RD.....	124 Decatur Street, Cape May, N. J.	11 M
STEPTOE, ROBERT MASON.....	Shepherdstown, West Virginia	13 Bs
STRAUSBAUGH, ROBERT NELSON.....	2679 W. Broad Street, Columbus, Ohio	20 L
SWEETSER, FRANKLIN PRATT.....	408 Merion Place, Merion, Pa.	15 Bs
SZERLIP, EUGENE POOLE.....	43 Shephard Avenue, Newark, N. J.	4 L
THALHEIMER, HERBERT R.....	5603 Roxbury Place, Baltimore, Md.	71 Bn
THOMPSON, DAVID CLARK.....	51 Church Street, East, Bloomfield, N. J.	112 M
THOMSON, JOHN DARSIE.....	5850 Fifth Avenue, Pittsburgh, Pa.	55 Bn
TROUT, EDGAR EVERT.....	511 Woodland Court, Wayne, Pa.	13 L
WARNER, GEORGE THOMAS.....	4037 Michigan Ave., Kansas City, Mo.	111 M
WEAVER, DANCY GRAY.....	238 Grove Strtet, Westfield, N. J.	2 F
WISE, JOHN HICE.....	21 S. 26th Street, Camp Hill, Pa.	9 M
WORRALL, WINFIELD SCOTT.....	Newtown Square, Pennsylvania	7 M

FRESHMAN CLASS—1943

ADDOMS, JEREMY	864 Park Place, Brooklyn, N. Y.	7 L
ALLEN, JOHN M.....	2861 Lee Road, Shaker Hts., Ohio	62 Bn
ANDERSON, EUGENE E., JR.....	Sharon, Pa.	30 Bc
BAKER, DOUGLAS H.....	22 Bedford Road, Summit, N. J.	50 Bn
BELL, ARTHUR H.....	Milton, Ulster Co., N. Y.	36 Bc
BOWMAN, MURDOCK S.....	414 E. 52nd Street, New York, N. Y.	30 Bc
BROWN, JARED S.....	Mercersburg, Pa.	8 F
BROWN, MARVIN L., JR.....	478 Manheim Street, Philadelphia, Pa.	63 Bn
BUSHNELL, DAVID S.....	3019 Midvale Avenue, Philadelphia, Pa.	D
CADBURY, CHRISTOPHER J.....	7 Buckingham Place, Cambridge, Mass.	7 Bs

Name	Home Address	College Address
COFFIN, TRISTRAM P.....	Box 89, Edgewood Farm, Wakefield, R. I.	53 Bn
COOLIDGE, DAVID A.	1127 Kensington Road, Grosse Pointe Park, Mich.	69 Bn
COPE, PAUL M.	151 S. Pennsylvania Avenue, Atlantic City, N. J.	7 Bs
CRYAN, ROBERT	% Chemical Bank Co., New York, N. Y.	8 L
DEWALD, JEFF	277 West End Avenue, New York, N. Y.	14 L
ECKFELDT, THOMAS H., 3D	62 Bond Street, Fitchburg, Mass.	105 M
ELWELL, JACQUE SPENCER.....	230 Bonnie Brae Avenue, Rochester, N. Y.	52 Bn
ENCK, JOHN J.	15 Front Street, Lititz, Pa.	2 L
ESREY, JOSEPH J., JR.	4 E. Park Road, Llanerch, Pa.	D
EVANS, J. MORRIS.....	Awbury, Germantown, Philadelphia, Pa.	3 Bs
FERRIS, SUMNER W.....	Governor's Island, New York, N. Y.	14 L
FITZGERALD, G. HOBART.....	Bronxville Lodge, Bronxville, N. Y.	108 M
GAENSLER, EDWARD A.....	317 Linden Lane, Merion, Pa.	D
GILBERT, J. BRYSON	Bethlehem Pike and Church Road, Whitemarsh, Pa.	3 M
GILMOUR, GEORGE J.....	6616 Woodland Avenue, Philadelphia, Pa.	D
GRALA, WILLIAM L., JR.....	101 N. Church Street, Hazleton, Pa.	6 L
HALL, HARRY S.....	119 N. Woodstock Street, Philadelphia, Pa.	8 L
HALLETT, DOUGLAS R.....	324 Forest Avenue, Ben Avon, Pittsburgh, Pa.	4 M
HAMILL, JAMES	438 Montgomery Avenue, Haverford, Pa.	9 Bs
HARRIS, WILLIAM M.	32 Portsmouth Terrace, Rochester, N. Y.	2 L
HERMAN, JOHN F., JR.....	Gordonville, Pa.	2 Bs
HILL, JOHN F.....	3415 Porter Street, Washington, D. C.	101 M
HOGNESS, JOHN R.....	5758 Blackstone Avenue, Chicago	6 Bs
HOUCK, PAUL W., II.....	Weston Place, Shenandoah, Pa.	17 L
HOWE, BYRON E., JR.....	7 Crandall Street, Adams, Mass.	2 L
HUNTER, HOLLAND	1419 Hudson Avenue, Chicago	28 Bc
KIBBEE, LEWIS CROSSETT.....	47 Crafts Road, Chestnut Hill, Mass.	20 Bs
KIRK, DAVID B.....	Mill Hall, Pa.	6 Bs

Name	Home Address	College Address
KNOWLAND, WILLIAM EDWARD.....	120 Monterey Avenue, Pelham, N. Y.	8 L
KRIEBEL, HOWARD B.....	Moylan, Pa.	16 Bs
LEE, EDMUND J.	518 E. Auburn Avenue, Chestnut Hill, Philadelphia, Pa.	51 Bn
LEVINTOW, LEON	5749 N. Fairhill Street, Philadelphia, Pa.	102 M
LIPPINCOTT, H. MATHER, JR.	East Lane, Chestnut Hill, Philadelphia, Pa.	51 Bn
LITTLE, ELLIS F.	65 Nunda Boulevard, Rochester, N. Y.	53 Bn
LUTZ, HOWARD T. B.	318 N. Lansdowne Avenue, Lansdowne, Pa.	66 Bn
LYMAN, RUSSELL M.	507 W. 18th Street, Wilmington, Del.	16 Bs
MACCRATE, ROBERT	134 Milton Street, Brooklyn, N. Y.	7 F
MALEY, E. PAT	1414 Regina Street, Harrisburg, Pa.	67 Bn
MARSH, JOHN C.	48 Hillcrest Road, Windsor, Conn.	8 F
MASON, AVREL	640 Rahway Road, Westfield, N. J.	66 Bn
MEADER, JOHN H.	17 Colonial Avenue, Moorestown, N. J.	35 Bc
MOON, JOHN M.	31 Penarth Road, Bala-Cynwyd, Pa.	28 Bc
MORSE, GEORGE FOXCROFT.	74 Fernwood Road, Hamden, Conn.	17 L
NEWELL, STERLING, JR.	17845 Lake Road, Lakewood, Ohio	1 L
OTTO, FRANK K.	2116 Kalorama Road, Washington, D. C.	9 L
PETERKIN, NORMAN	175 Cooper Avenue, Montclair, N. J.	18 Bs
RHIND, JOHN B.	217 E. 26th Street, Covington, Ky.	104 M
RIDGWAY, STUART L.	144 58th Street, Niagara Falls, N. Y.	6 L
ROGERS, ALAN S.	1104 DeKalb Street, Norristown, Pa.	D
RYRIE, GEORGE M.	1007 Henry Street, Alton, Ill.	54 Bn
SATTERTHWAIT, ARNOLD C.	305 Berks Co. Trust Bldg., Reading, Pa.	34 Bc
SEVRINGHAUS, JOHN W.	3914 Cherokee Drive, Madison, Wis.	69 Bn
SHEPARD, SETH T.	51 W. Lenox Street, Chevy Chase, Md.	1 L
SHIHADAH, WILLIAM F.	113 Sutton Road, Ardmore, Pa.	D
SHINN, JOHN G.	1705 Caton Avenue, Brooklyn, N. Y.	10 L
SOMERS, DAVID D.	17 Front Street, Marion, Mass.	103 M

Name	Home Address	College Address
STEINS, KENEDON P.....	518 Prescott Road, Merion, Pa.	D
STEVENS, JOHN D., JR.....	475 Fifth Avenue, New Kensington, Pa.	50 Bn
STILES, E. CLARKE, JR.....	512 California Avenue, Oakmont, Allegheny Co., Pa.	D
STUDWELL, WILLIAM A.....	15 Ashland Avenue, Pleasantville, N. Y.	9 L
SUTTERLIN, JAMES S.....	208 Wilkinson, Frankfort, Ky	9 L
THACHER, JOHN W., JR.....	307 E. Central Avenue, Moorestown, N. J.	4 Bs
THOMSON, HAROLD S.....	570 Lawrence Avenue, Westfield, N. J.	8 Bs
TOMLINSON, ALEXANDER C., JR.....	114 W. Kings Highway, Haddonfield, N. J.	107 M
TORRENCE, HASKELL	20001 S. Woodland Road, Shaker Heights, Ohio	7 L
TURNER, ALBERT E., 3D.....	307 Hamilton Road, Wynnewood, Pa.	D
WARREN, WILLIAM T., JR.....	49 Thomas Avenue, Bryn Mawr, Pa.	D
WEBSTER, EDWARD F.....	522 Hiram Street, Wichita, Kansas	10 L
WHITEHEAD, JOHN C.....	110 Summit Avenue, Upper Montclair, N. J.	35 Bc
WIDNEY, CARL E.	10 Mitchell Place, New York, N. Y.	67 Bn
WILLIAMS, HUGH R.	81 Myrtle Avenue, Wyoming, Maplewood P. O., N. J.	14 L
WINDER, DAVID A.....	239 Cherry Lane, Merwood, Upper Darby, Pa.	D
WINDER, R. BAYLY	5908 Cedar Parkway, Chevy Chase, Md.	36 Bc
WINGERD, WILLIAM N.....	Edgar Avenue and Riddle Road, Chambersburg, Pa.	52 Bn
WOODWARD, WILLIAM H.....	Country Club Grounds, Dongan Hills, S. I., N. Y.	8 Bs
YEAPLE, WHITNEY SEILER.....	144 Dartmouth Street, Rochester, N. Y.	1 L
ZANDER, WILLIAM D.....	127 Simpson Road, Ardmore, Pa.	D

SUMMARY

Graduate Students	15
Seniors	56
Juniors	81
Sophomores	90
Freshmen	87
Total.....	<hr/> 329

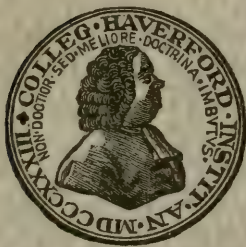
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CATALOGUE

1939-1940



VOLUME XXXVIII • NUMBER TWO

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HAVERFORD COLLEGE CATALOGUE

1939-40



HAVERFORD · PENNSYLVANIA

1939

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1940

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1941

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23	24	25	26	27	28		27	28	29	30				22	23	24	25	26	27	28															

CALENDAR

1939-1940

Stated Meeting of the Board of Managers.....	Sept. 15, 1939
College Board Examinations for Admission.....	Sept. 18-22
Reporting of Freshmen to Dean MacIntosh.....	Sept. 19
Registration of all new students.....	Sept. 18-20
Beginning of College Year with Assembly, 9:10 A.M.....	Sept. 21
Annual Meeting of the Corporation of Haverford College at the College, 3:00 P.M.....	Oct. 10
End of First Quarter, 3:30 P.M.....	Nov. 15
Beginning of Second Quarter, 8:30 A.M.....	Nov. 16
Stated Meeting of the Board of Managers.....	Nov. 17
Thanksgiving Recess (both dates inclusive).....	Nov. 23-26
Christmas Recess (both dates inclusive).....	
.....	Dec. 20, 1939-Jan. 2, 1940
Stated Meeting of the Board of Managers.....	Jan. 12
Last First Semester classes, 2:30 P.M.....	Jan. 18
First Semester Examination Period (both dates inclusive)	Jan. 22-Feb. 2
Beginning of Second Semester, 8:30 A.M.....	Feb. 5
Stated Meeting of the Board of Managers.....	Mar. 8
End of Third Quarter, 12:30 P.M.....	Mar. 23
Spring Recess (both dates inclusive).....	Mar. 24-31
Beginning of Fourth Quarter, 8:30 A.M.....	Apr. 1
First date for selection of Major Subjects by Sophomores.....	Apr. 1
Last date for selection of Major Subjects by Sophomores.....	Apr. 30
Last date for submission of Prize Manuscripts.....	Apr. 30
Stated Meeting of the Board of Managers.....	May 17
Last Classes for Seniors.....	May 18
Comprehensive Examination Period for Seniors.....	May 20-24
Last Second Semester classes, 2:30 P.M.....	May 23
Second Semester Examination Period (both dates inclusive)	May 27-June 7
Commencement Day.....	June 8

CALENDAR

1940-41

Stated Meeting of the Board of Managers.....	Sept. 20, 1940
Registration of all new students.....	Sept. 16-18
Reporting of Freshmen to Dean MacIntosh.....	Sept. 17
Beginning of College Year with Assembly, 9:10 A.M.....	Sept. 19
Annual Meeting of the Corporation of Haverford College at the College, 3:00 P.M.....	Oct. 8
End of First Quarter, 3:30 P.M.....	Nov. 13
Beginning of Second Quarter, 8:30 A.M.....	Nov. 14
Stated Meeting of the Board of Managers.....	Nov. 15
Thanksgiving Recess (both dates inclusive).....	Nov. 21-24
Christmas Recess (both dates inclusive).....	
.....	Dec. 20, 1940-Jan. 2, 1941
Last First Semester classes, 2:30 P.M.....	Jan. 16
Stated Meeting of the Board of Managers.....	Jan. 17
First Semester Examination Period (both dates inclusive)	Jan. 20-31
Beginning of Second Semester, 8:30 A.M.....	Feb. 3
Stated Meeting of the Board of Managers.....	Mar. 14
End of Third Quarter, 12:30 P.M.....	Mar. 22
Spring Recess (both dates inclusive).....	Mar. 23-30
Beginning of Fourth Quarter, 8:30 A.M.....	Apr. 1
First date for selection of Major Subjects by Sophomores..	Apr. 1
Last date for selection of Major Subjects by Sophomores.	Apr. 30
Last date for submission of Prize Manuscripts.....	Apr. 30
Stated Meeting of the Board of Managers.....	May 16
Last Classes for Seniors.....	May 17
Comprehensive Examination Period for Seniors.....	May 19-23
Last Second Semester classes, 2:30 P.M.....	May 22
Second Semester Examination Period (both dates inclusive)	May 26-June 6
Commencement Day.....	June 7

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HAVERFORD COLLEGE

HISTORY AND DESCRIPTION

Haverford College was founded in 1833. It owes its origin to the insight and energy of a few members of the Society of Friends from Philadelphia and New York who, in the spring of 1830, conceived the idea of founding an institution for education in the higher branches of learning. Its object, in the words of the founders, was "to combine sound and liberal instruction in literature and science with a religious care over the morals and manners, thus affording to the youth of our Society an opportunity of acquiring an education equal in all respects to that which can be obtained at colleges."

The founders were incorporated in 1833 under the laws of the Commonwealth of Pennsylvania into the Haverford School Association, a body now known as the Corporation of Haverford College. This corporation elects a board of managers for the control of its affairs and for the administration of its funds. For the founding of the School sixty thousand dollars was raised, but the sum proved insufficient for its maintenance, and for many years the financial deficit was met by liberal subscriptions of friends.

From 1845 to 1848 the School was closed in order to allow the funds to accumulate and to give time for the collection of an endowment. Since that time, by a number of generous bequests and donations, the amount of invested funds yielding interest has been increased to over four million dollars.

The first building of the College was Founders Hall, erected in 1833. The Observatory was built in 1852, and enlarged in 1883. Alumni Hall was built in 1863, and enlarged in 1898 and 1912 to meet the growing needs of the Library. In 1877 Barclay Hall, a dormitory, was erected by friends of the College. The Mechanical Laboratory was established in 1884, and was provided with a new building in 1890; this was burned down in 1896, and Whitall Hall, a new three-story structure, was built. The old Biological Laboratory was established in 1886; Chase Hall for lectures and recitations and the old Physical Laboratory were built in 1888. The Cricket Shed was erected in 1893. In more recent years, during a period of rapid development, made possible largely by the general and unfailing coöperation of the alumni, the following additions

have been made to the College equipment: in 1899, the Logan and Norris section of Lloyd Hall, a dormitory; in 1900, a large and well-equipped gymnasium; in 1903, Roberts Hall, the gift of Lucy Branson Roberts, with college offices and a large auditorium; in 1903, Merion Hall, a dormitory, remodeled from the old Haverford Grammar School building; in 1905, an additional wing to Founders Hall for dining halls and kitchen; in 1906, a permanent building for the heating and lighting plant; in 1907, the enlargement of Merion Hall; in 1909, the Haverford Union, a building presented by Alfred Percival Smith, '84; in 1910, the Lyman Beecher Hall Chemistry Laboratory; in 1912, the Morris Infirmary, given by John T. Morris, '67; in 1913, a new section of Lloyd Hall, given by the estate of the late Justus C. Strawbridge, and a concrete grandstand, the gift of Horace E. Smith, '86; in 1916, the Smith section of Lloyd Hall, from the same donor, and the Kinsey section; in 1917, Isaac Sharpless Hall, for biology and physics; in 1927, completing the dormitory, four additional sections of Lloyd Hall; in 1928, the Hilles Memorial Laboratory of applied science; and, in 1933, the William J. Strawbridge Memorial Observatory. In addition to these College buildings there are a number of residences on the grounds which are occupied for the most part by professors and their families.

The College has a pleasant and healthful location in the township of Haverford, Delaware County, Pennsylvania, nine miles west of the center of Philadelphia. It is accessible by the main line of the Pennsylvania Railroad and by the Philadelphia and Western Railway. The selection of this site is thus described by the first managers: "We wished to procure a farm in a neighborhood of unquestionable salubrity—within a short distance of a Friends' meeting—of easy access from this city at all seasons of the year . . . recommended by the beauty of the scenery and a retired situation." And they reported that they had purchased for the sum of \$17,865 "an oblong tract of 198½ acres . . . nearly south of the *eight mile* stone on the Lancaster Turnpike." This property has since been increased to two hundred sixteen acres with an estimated present value of about one million, seven hundred thousand dollars. While a portion is retained as farm and woodland, a lawn of sixty acres was long ago graded and tastefully planted with trees and shrubs by a landscape gardener, so that the natural beauty of the location has increased with passing years. The grounds include six fields, for cricket, baseball, football and soccer, a running-track, twelve tennis courts, and a pond for skating.

Parallel with its material growth there have been changes in the inner life of the College which have affected the methods of administration rather than the essential principles on which the institution was founded. It has gradually increased in number of students, but still enjoys the advantages of a small college. From the first it gave instruction of collegiate scope and grade. Accordingly, in 1856, the name was changed from *school* to *college* and the right to confer degrees was granted by the Legislature. In 1861 the preparatory department was abolished. General courses are now given in arts and science. The endowment for salaries and pensions enables the College to maintain a faculty of unusual size in proportion to the number of students, and to expend for the instruction, board, and lodging of each student much more than he pays.

In accordance with the modern ideals of religious and moral education, the students enjoy ample liberty, safeguarded by their wholesome physical life, by the traditions of the College, and by the intimate association with their professors and fellow students.

All examinations, quizzes, and tests are conducted under an Honor System administered by the Students' Association. Under the Honor System no person, either student or faculty member, acts as official proctor during examinations. The responsibility for the proper conduct of all examinations is entirely in the hands of each student. Each incoming student is required to sign a pledge accepting the Honor System and all its implications. At the end of all examinations each student shall sign a pledge that he has neither given or received aid in the examination, and that if he has seen anyone else do so either he or the offender will notify the Students' Council within twenty-four hours. The Students' Council receives and investigates any report of a violation. If the accused person be found guilty, the Council will recommend to the college authorities that the offender's connection with the College be severed for not less than one half year.

The religious tradition bequeathed by the Quaker founders has been carefully cherished, and high ideals of life and conduct are maintained. Three times a month the College attends Friends meeting in a body. The aims of Haverford have been gradually developing and its function is becoming more and more clear—"to encourage the growth, among a limited number of young men, of vigorous bodies, scholarly minds, strong characters, and a real religious experience."

CORPORATION OF HAVERFORD COLLEGE

OFFICERS, MANAGERS, AND COMMITTEES

President

MORRIS E. LEEDS.....4901 Stenton Ave., Gtn., Phila.

Treasurer

J. HENRY SCATTERGOOD.....1608 Walnut St., Phila.

Secretary

EDWARD W. EVANS.....304 Arch St., Phila.

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EDWARD W. EVANS, *Secretary*.....304 Arch St., Phila.

Term expires 1940

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L. HOLLINGSWORTH WOOD.....103 Park Ave., New York, N.Y.

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*ULRIC J. MENGERT.....Morris Bldg., Phila.

Term expires 1941

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*JOHN K. GARRIGUES.....Delaware Trust Co., Wilmington, Del.

Term expires 1942

CHARLES J. RHOADS.....Bryn Mawr, Pa.

ARTHUR H. THOMAS.....W. Washington Sq., Phila.

WILLIAM A. BATTEY.....Liberty Trust Bldg., Phila.

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WILLIAM B. BELL.....535 Fifth Ave., New York, N.Y.

JOHN A. SILVER.....Spring Lane, Roxborough, Phila., Pa.

*DR. ARTHUR H. HOPKINS.....1726 Pine St., Phila.

*OWEN B. RHOADS.....Bryn Mawr, Pa.

* Alumni Representative Manager.

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	Term expires 1940	
ALEXANDER C. WOOD, JR.	I. THOMAS STEERE	FRANCIS J. STOKES
	Term expires 1941	
THOMAS W. ELKINTON	JOHN F. GUMMERE	WILMOT R. JONES
	Term expires 1942	
WILLIAM M. MAIER	E. WAYNE MARSHALL, JR.	EDWARD R. MOON

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RICHARD M. GUMMERE	ARTHUR H. THOMAS

*Counsel**

PARKER S. WILLIAMS, 1632 Chestnut St., Philadelphia

* Invited to attend all Board Meetings.

FACULTY

WILLIAM WISTAR COMFORT

A.B., *Haverford College*; A.B., A.M., and Ph.D., *Harvard University*; Litt.D., *University of Pennsylvania*; LL.D., *University of Maryland and Lake Forest College*

President

Arranged in order of appointment to present rank.

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David Scull Professor of Biology, *Emeritus*

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T. Wistar Brown Professor of Philosophy, *Emeritus*

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M.E., *Stevens Institute of Technology*
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S.B. in Economics and Ph.D., *University of Pennsylvania*
Professor of Sociology and Social Work

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Professor of Latin

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RICHARD MANLIFFE SUTTON

S.B., *Haverford College*; Ph.D., *California Institute of Technology*

Associate Professor of Physics

* Absent on leave for the second semester, 1939-40.

† Absent on leave for the year 1939-40.

‡ Absent on leave for the first semester, 1939-40.

CLETUS O. OAKLEY

B.S., *University of Texas*; S.M., *Brown University*; Ph.D., *University of Illinois*
Associate Professor of Mathematics

HOWARD COMFORT*

A.B., *Haverford College*; A.M. and Ph.D., *Princeton University*
Associate Professor of Latin and Greek

THOMAS RAYMOND KELLY

B.S., *Wilmington College*; S.B., *Haverford College*; B.D. and Ph.D., *Hartford Theological Seminary*
Associate Professor of Philosophy

ALEXANDER JARDINE WILLIAMSON

A.B., *Haverford College*; A.M. and Ph.D., *Princeton University*
Associate Professor of Romance Languages

GEORGE MONTGOMERY

A.B., *Haverford College*; A.M., *Harvard University*
Associate Professor of Public Speaking

CLAYTON WILLIAM HOLMES

B.S., *University of New Hampshire*; A.M., *Haverford College*; M.E., *University of New Hampshire*
Assistant Professor of Engineering

THOMAS EDWARD DRAKE

A.B., *Stanford University*; M.A., *University of Michigan*; Ph.D., *Yale University*
Assistant Professor of American History

HOWARD MORRIS TEAF, JR.

B.S., A.M., and Ph.D., *University of Pennsylvania*
Assistant Professor of Economics

HOWARD KNICKERBOCKER HENRY

B.S., *University of Pennsylvania*
Assistant Professor of Botany

MONTFORT VERTEGANS MELCHIOR

A.B., *Haverford College*; A.M., *University of Pennsylvania*
Assistant Professor of Modern Languages

ROY EARL RANDALL

Ph.B., *Brown University*
Assistant Professor of Athletics

CARL BARNETT ALLENDOERFER

S.B., *Haverford College*; B.A. and M.A., *Oxford University*; Ph.D., *Princeton University*
Assistant Professor of Mathematics

HENRY VOLKMAR GUMMERE

S.B. and A.M., *Haverford College*; A.M., *Harvard University*
Lecturer in Astronomy

HERBERT WILLIAM TAYLOR

A.B., *Haverford College*; M.D., *University of Pennsylvania*
Lecturer in Hygiene

RICHARD MAX BERNHEIMER

Ph.D., *University of Munich*
Lecturer in Art

* Absent on leave for the year, 1939-40.

HAVERFORD COLLEGE

ARLINGTON EVANS

B.P.E., *Normal College A.G.U.*; M.S., *Temple University*

Instructor in Physical Education

ALFRED WILLIAM HADDLETON

Instructor in Light Athletics

ARCHIBALD MACINTOSH

A.B., *Haverford College*; M.A., *Columbia University*

Instructor in Psychology

THEODORE BRINTON HETZEL

A.B., *Haverford College*; B.S., *University of Pennsylvania*;
M.A. and Ph.D., *Pennsylvania State College*

Instructor in Engineering

THOMAS OSWALD JONES

B.E., *Oshkosh Teachers College*; Ph.M. and Ph.D., *University of Wisconsin*

Instructor in Chemistry

FRANCIS REDDING WALTON

A.B., *Haverford College*; A.M. and Ph.D., *Harvard University*

Instructor in Latin and Greek

WILLIAM T. DOCHERTY

S.B., *Temple University*

Instructor in Physical Education

LINDSAY A. LAFFORD

Fellow of *The Royal College of Organists*

Instructor in Music

EBON E. BETZ

A.B., *Albion College*; A.M., *University of Michigan*; Ph.D., *University of Pennsylvania*

Instructor in Mathematics

JOHN A. LESTER, JR.

A.B., *Haverford College*; A.M., *Harvard University*

Instructor in English

The Dean, and the Dean of Freshmen, are ex-officio members of the Faculty.

ASSISTANTS

JOHN OTTO RANTZ

Engineering

ALAN S. FITZGERALD

Research Associate

in

Physics and Engineering

CECIL C. LILJENSTEIN

B.S., *Middlebury College*

Physics

CURTIS B. WATSON

A.B., *Brown University*

English

CLARK E. BRICKER

B.A., *Gettysburg College*

Chemistry

ROGER S. HAWLEY

A.B., *Earlham College*

Chemistry

OFFICERS OF ADMINISTRATION

WILLIAM WISTAR COMFORT

A.B., *Haverford College*; A.B., A.M., and Ph.D., *Harvard University*; Litt.D., *University of Pennsylvania*; LL.D., *University of Maryland and Lake Forest College*

President

HENRY TATNALL BROWN, JR.

S.B., *Haverford College*; M.A., *Columbia University*

Dean

ARCHIBALD MACINTOSH

A.B., *Haverford College*; M.A., *Columbia University*

Dean of Freshmen and Director of Admissions

WILLIAM MINTZER WILLS

A.B., A.M., *Haverford College*

Bursar

JAMES ADDISON BABBITT

A.B., *Yale University*; A.M., *Haverford College*; M.D., *University of Pennsylvania*

Medical and Athletic Adviser

THOMAS EDWARD DRAKE

A.B., *Stanford University*; M.A., *University of Michigan*; Ph.D., *Yale University*

Curator of Quaker Collections

DEAN PUTNAM LOCKWOOD

A.B., A.M., and Ph.D., *Harvard University*

Librarian

HERBERT WILLIAM TAYLOR

A.B., *Haverford College*; M.D., *University of Pennsylvania*

Physician in Charge

HENRY VOLKMAR GUMMERE

S.B. and A.M., *Haverford College*; A.M., *Harvard University*

Director of the Strawbridge Memorial Observatory

ROBERT J. JOHNSTON

Superintendent of Buildings and Grounds

AMY L. POST

A.B., *Earlham College*

Assistant Librarian

MABEL S. BEARD

R.N., *Lankenau Hospital*

Resident Nurse

MAUDE D. DONALDSON

Assistant Registrar

STANDING COMMITTEES OF THE FACULTY AND ADMINISTRATION

The President is an ex-officio member of all committees.

The Dean and the Dean of Freshmen are ex-officio members of the following committees: Admissions, Curriculum, Delinquent Students, Major Concentration and Honors, and Student Affairs.

Admissions

DEAN MACINTOSH, *Chairman*

PROFESSORS RITTENHOUSE, SNYDER, HERNDON, MR. GUMMERE, AND MR. EVANS

Advanced Degrees

PROFESSOR FETTER, *Chairman*

PROFESSORS LUNT, DUNN, STEERE, FLIGHT, AND DEAN BROWN

Catalogue

PROFESSOR OAKLEY, *Chairman*

PROFESSORS T. R. KELLY, ALLENDOERFER, DR. JONES, AND MR. WILLS

Curriculum

PROFESSOR POST, *Chairman*

PROFESSORS RITTENHOUSE, HERNDON, SUTTON, AND TEAF

Delinquent Students

PROFESSOR J. A. KELLY, *Chairman*

PROFESSORS PALMER, DUNN, REITZEL, WILLIAMSON, MELCHIOR
MR. HADDLETON, AND MR. CADBURY

Fellowship Recommendations

PROFESSOR STEERE, *Chairman*

PROFESSORS WATSON, POST, SUTTON, AND ALLENDOERFER

Library

PRESIDENT COMFORT, *Chairman*

PROFESSORS LOCKWOOD, SNYDER, REITZEL, T. R. KELLY, DRAKE,
AND DR. HETZEL

Major Concentration and Honors

PROFESSOR DRAKE, *Chairman*

PROFESSORS PALMER, WATSON, SNYDER, AND DR. HETZEL

Prizes

PROFESSOR PFUND, *Chairman*

PROFESSORS HOLMES AND MELCHIOR

Student Affairs

PROFESSOR WILLIAMSON, *Chairman*

PROFESSORS FLIGHT, HOLMES, TEAF, AND RANDALL

Student Petitions

DEAN BROWN, *Chairman*

PROFESSORS MELDRUM, FETTER, PFUND, AND HENRY

HAVERFORD COLLEGE

APPLICATION BLANK

TO THE DIRECTOR OF ADMISSIONS, HAVERFORD COLLEGE,
HAVERFORD, PENNSYLVANIA

Under the conditions set forth on page 17 of the Haverford College Catalogue for 1939-40, I hereby make application for the entry of (*write name in full*):

.....
First name Middle name Last name

as a student in Haverford College during the year 19.....

Date of birth.....Religious affiliation.....

School last attended.....

Course which he desires to enter (mark one):

ARTS

SCIENCE

Method of entrance:

School record and June College Entrance Board examinations as indicated below
(mark one):

PLAN A—Examinations, any of which may be presented as preliminaries, in fifteen Carnegie units.
PLAN B—Examinations of the Plan A type, year of admission, in English, Mathematics and in one foreign language.
PLAN C—Examinations of the Plan A type, year of admission, in English, one foreign language and in the final year's work of two additional subjects taken during his last school year.

Languages presented for admission:

GREEK, with.....	years of school preparation
LATIN, "	" " " "
FRENCH, "	" " " "
GERMAN, "	" " " "
ITALIAN, "	" " " "
SPANISH, "	" " " "

Class which he desires to enter.....

Resident or Day Student.....

He desires accommodation involving an expense of \$.....
(Name and address of parent or guardian)

.....19
Date Number Street

.....
City State

ADMISSION

An applicant for admission to Haverford College, as an undergraduate, must present evidence that he has received satisfactory ratings on the College Board examinations required of him in accordance with one of the three systems of admission described below. In addition he must present, on blanks furnished by the College, his school record and a certificate of character signed by his school principal, and a health certificate signed by his family physician, including a statement that the applicant has been vaccinated within two years. The school certificate must show satisfactory attainment in 15 units* of work as follows:

English.....	3 units
Mathematics.....	3 units
2 Foreign Languages.....	5 units†
Electives.....	4 units‡
Scholastic Aptitude Test‡	

The three plans for admission are described as Plan A, Plan B, and Plan C.

If the candidate seeks admission under Plan A, he must take entrance examinations in *all* the subjects for which he seeks entrance credit. He may take examinations in any of these subjects as preliminary examinations a full year or more before he intends to enter Haverford College, but *only the June examinations* of the College Entrance Examination Board are accepted as preliminary examinations.

If a candidate seeks admission under Plan B, he must take entrance examinations in three subjects—English, Mathematics, and one foreign language.

The Mathematics will be both Mathematics A and C, or Mathematics β ; or Mathematics γ , which will gain advanced standing in Mathematics in College. Mathematics α will not be accepted for entrance.

The one foreign language required will be, for the A.B. degree, Latin 4;§ or Greek 2 and Greek H; or Greek 3; for the S.B. degree, Latin 3 or Greek 3 or German 3 or French 3 or Spanish 3. Ordi-

* "A unit represents a year's study in any subject in a secondary school, constituting approximately a quarter of a full year's work. A four years' secondary school curriculum should be regarded as representing not more than 16 units of work."

† If 4 units of Latin are offered, 6 units will be required for the two foreign languages, thus reducing the elective requirements to 3 units.

‡ May be omitted only by special arrangement with the admissions office.

§ Candidates presenting only three units of Latin are referred to page 47

narily these examinations must all be *taken and passed at one time*, either in June or September. Occasionally exceptions to this rule may be made in cases of students who have taken all of the examinations in June and have failed of entrance by a narrow margin. Such students may be allowed to omit in the September examinations subjects which they passed in June with creditable grades. Such exceptions, however, will be allowed only by special action of the Committee on Admissions.

If the candidate seeks admission under Plan C, he will be required to pass satisfactorily the comprehensive examination in English, an examination in one foreign language, and two examinations in subjects taken during his last school year and covering the work of that year.

The usual list of subjects* in which entrance examinations may be taken to satisfy the requirements for admission to Haverford College is as follows:

SUBJECT	UNITS	COLLEGE BOARD EXAMINATION
English, four years.....	3	English
Mathematics		
Elementary Algebra.....	2	Mathematics A
Algebra, to Quadratics.....	1	Mathematics A1
Plane Geometry.....	1	Mathematics C
Elementary Mathematics.....	3	Mathematics β
Advanced Mathematics.....	4	Mathematics γ
Latin		
Two-Year Latin.....	2	Latin 2
Three-Year Latin—Prose Authors.....	3	Latin 3A
Three-Year Latin—Poets.....	3	Latin 3B
Four-Year Latin.....	4	Latin 4
Fourth Year Latin—Poets.....	1	Latin H
Fourth Year Latin—Prose Authors.....	1	Latin K
Greek		
Two years—Attic Prose and Composition.....	2	Greek 2
Third year—Homer.....	1	Greek H
German		
Two years.....	2	German 2
Three years.....	3	German 3
Four years.....	4	German 4
French		
Two years.....	2	French 2
Three years.....	3	French 3
Four years.....	4	French 4
Spanish		
Two years.....	2	Spanish 2
Three years.....	3	Spanish 3
Four years.....	4	Spanish 4

* For the detailed requirements in each examination the candidate should refer to the annual circular of the College Entrance Examination Board. Headmasters and Principals of schools should have copies. (See p. 20 of this catalogue.)

History

Ancient History.....	1	History A
Modern European History.....	1	History B
English History.....	1	History C
American History.....	1	History D
English History and American History.....	2	History CD
American History and Contemporary Civilization...	2	History DE

Science

Biology, elementary.....	1	Biology
Biological Sciences, two years.....	2	Biology
Chemistry, elementary.....	1	Chemistry
Physics, elementary.....	1	Physics
Physical Sciences, two years.....	2	Physics

A candidate for admission may offer electives either in the usual list or in such other subjects as may be approved in any given case by the Committee responsible for decisions concerning admission. Not more than one unit each may be chosen from these extensions, and then proficiency must be shown that indicates an amount of study and intellectual effort commensurate with that required in other subjects.

Whenever practicable, the College will arrange for the candidate a personal interview with a representative of this institution, and every applicant should realize that, in view of the limited enrollment, he is entering a competition for admission to a select and comparatively small student organization. On the basis of all information available—College Board reports, school record, medical certificate, evidence touching on character and personality—the applicant will be accepted or rejected, and the decision of the Committee on Admissions is final. Since it is desired to admit candidates who are best fitted to profit by the opportunities offered by Haverford College, preference will be given to those with superior records and credentials rather than to those with mere priority of application.

Those students who are accepted will be admitted without conditions. To those who on entrance show marked proficiency in certain subjects, as a result of special tests provided, advanced standing in those subjects will be granted. On account of limited accommodations it is usually impossible to admit students to other than the Freshman class.

Subject to the final acceptance of the candidate, vacant rooms are assigned in the order in which application blanks (see page 17), properly filled out, are received by the College Office; consequently candidates are advised to make application two or three years in advance, addressing preliminary correspondence to the Director of Admissions of Haverford College. For the benefit of the candi-

date in filling out his application blank, it may here be stated that, for resident students, the inclusive price of tuition, board, and room (including heat, light, attendance, and necessary bedroom furniture, i.e., chiffonier, bed, bed linen) varies from \$725 to \$850 per year; while day students are charged \$400 for tuition, \$480 for tuition and luncheon. For details, see pages 62-63.

COLLEGE ENTRANCE EXAMINATION BOARD

Examinations of June 15-22, 1940

The College Entrance Examination Board will hold examinations in June 1940 at more than three hundred points in this country and abroad. A list of these places will be published about March 1, 1940. Requests that the examinations be held at particular points should be transmitted to the Executive Secretary of the College Entrance Examination Board not later than February 1, 1940.

Detailed definitions of the requirements in all examination subjects are given in a circular of information published annually about December 1. Upon request to the Secretary of the College Entrance Examination Board a single copy of this document will be sent to any teacher without charge. In general, there will be a charge of thirty cents, which may be remitted in postage.

All candidates wishing to take these examinations should make application by mail to the Secretary of the College Entrance Examination Board, 431 West 117th Street, New York, N.Y. Blank forms for this purpose will be mailed by the Secretary of the Board to any teacher or candidate upon request by mail.

The applications and fees of all candidates who wish to take the examinations in June 1940 should reach the Secretary of the Board not later than the dates specified in the following schedule:

For examination centers

In the United States east of the Mississippi River or on the Mississippi.....	May 27, 1940
In the United States west of the Mississippi River or in Canada....	May 20, 1940
Outside of the United States and Canada, except in Asia.....	May 6, 1940
In China or elsewhere in the Orient.....	April 22, 1940

An application which reaches the Secretary later than the scheduled date will be accepted only upon payment of \$5 in addition to the regular examination fee of \$10.

When a candidate has failed to obtain the required blank form of application, the regular examination fee will be accepted if the fee arrives not later than the date specified above and if it be

accompanied by a memorandum with the name and address of the candidate, the exact examination center selected, and a list of the subjects in which the candidate is to take the Board examinations.

When the examination supplies of the local supervisor permit, candidates who have failed to file an application with the Secretary may be admitted, upon payment to the local supervisor of a fee of \$5 in addition to the regular fee, to all examinations except the Scholastic Aptitude Test. Such candidates should present themselves at the beginning of the period of registration. A candidate who registers with the supervisor will receive from him a blank form of application and an identification card which must be filled out and handed to the supervisor for transmission to the Secretary of the Board.

In order to exhibit their tickets of admission, to present their identification cards, and to obtain seats in the examination room, candidates should report for a morning examination at 8:45 and for an afternoon examination at 1:45. An examination will close for candidates admitted late at the same time as for other candidates. The examinations will be held in accordance with the time (Standard Time or Daylight Saving Time) observed in the local schools.

No candidate will be admitted to the Scholastic Aptitude Test after the test has begun.

The Scholastic Aptitude Test may be taken upon the completion of the school course or at the end of the third year of secondary school work. Each candidate desiring to take this test, even though he is to take no other examination, must file with the Secretary of the Board the usual application for examination. Every candidate who registers for the test will receive a practice booklet containing a specimen test with blank spaces to be filled in by the candidate. In order to secure admission to the test, the candidate must present not only his ticket of admission but also this booklet with the spaces filled in as requested. If the Scholastic Aptitude Test is taken in connection with other examinations, no additional fee is required; if taken alone, the fee is \$10.

Examinations of April 13, 1940

Candidates for Freshman scholarships and candidates for admission desiring early information on their status may take the Board's April Tests held in over one hundred and fifty cities in all parts of the United States. In some cases a satisfactory showing

on these examinations may prove sufficient for admission. The examinations consist of a scholastic aptitude test and a general achievement test neither of which requires any particular program of study or special preparation. The scores are considered in relation to and in conjunction with the candidate's school record.

A fee of \$10 is charged by the Board for these examinations applications for which must be filed with the Secretary not later than March 23, 1940. Candidates for examination west of the Mississippi and in foreign countries are required to file their applications not later than March 16, 1940. Applications will be accepted after these dates when it is possible to arrange for the examination of the candidates concerned, but only upon payment of \$5 in addition to the regular fee.

Blank forms will be ready for distribution in January and should be secured from the Secretary of the Board. In addition to registering for the April Tests, applicants must inquire of the College as to whether or not they are eligible for scholarships. Information concerning the scholarships that may be available should be secured from the College.

Examinations of September 9-11, 1940

Examinations for emergency cases are held in September at a wide choice of examination centers. They may not be taken as preliminary examinations. No applicant should deliberately postpone his examinations until September as he can not be admitted at this time if the capacity of the College has already been reached. Applications for examination are due in the office of the Board not later than August 19, 1940; after that date applications will be accepted only on payment of a penalty fee of \$5 in addition to the regular fee. Requests for the cancellation of applications and the refund of fees, in order to receive favorable consideration, should reach the office of the Board not later than September 2, 1940.

The schedule of examinations to be held in September, 1940, at the College Board examination centers, is as follows:

Monday, September 9

9 A.M. Scholastic Aptitude Test (verbal section only)

2 P.M. Science Test (Biology, Chemistry, or Physics)

Tuesday, September 10

9 A.M. Mathematics Attainment Test

2 P.M. English

Wednesday, September 11

9 A.M. Language Test (French, German, Latin, or Spanish)

2 P.M. American History

COURSES OF STUDY

Haverford College recognizes each matriculate as an individual whose training in the past and whose plans for the future may differentiate him from his fellows. The College accordingly lays out tentatively an individual plan of study for each student at the beginning of his Freshman year. This plan is confirmed or modified for each succeeding year.

In making each plan, the College directs Faculty members to see to it that the student takes in his Freshman and Sophomore years certain courses which are required in *his* case and that he distributes his limited electives so as to make the plan both broad and sound.

Haverford College confers at graduation the degrees of Bachelor of Arts and Bachelor of Science, the requirements for the two degrees being identical except in the matter of foreign languages.

The twenty-three courses to be taken before graduation may, for convenience, be distinguished thus, as explained in the pages immediately following:

Required.....	4
Limited Electives.....	5 or 6
(Foreign Language 1 or 2, others 4)	
Major Concentration.....	6
Free Electives.....	8 or 7
<hr/>	
Total.....	23

REQUIRED COURSES

Freshman English and Physical Education 1 are required of all Freshmen. Physical Education 2 and Physical Education 3 are required of all Sophomores and Juniors respectively.

LIMITED ELECTIVES

1. Each student who is a candidate for the Bachelor of Arts degree should present at entrance 4 units of Latin* and 2 units of another foreign language or 3 units of Greek and 2 units of another foreign language. After entrance he must pass one course in Greek or in Latin (except Latin A and Latin 1).

Each student who is a candidate for the Bachelor of Science degree should present at entrance 3 units of one foreign language and 2 of another. After entrance he must pass either one course

* Candidates presenting only three units of Latin are referred to page 47.

in a language which he has presented for entrance or two courses in a third foreign language.

2. Each student must pass one course or two half-courses in Literature, either English or foreign, from the following list: English 3*a*, 4*b*, 5*a*, 8*a*, 12*a*, 12*b*, 13*a*, 14*b*, 16*a*, 16*b*, 17*b*, 18*a*, 21*a*, and 22*b*; French 3, 4, 6*a*, and 6*b*; German 3, 5*a*, 5*b*, 6, and 7*b*; Greek, 1, 2*a*, 2*b*, 3*a*, 3*b*, 4*a*, 4*b*, and 6*b*, and Latin 2, 3*a*, 3*b*, 4*a*, 4*b*, 5, 14*a*, and 14*b*.

3. Each student must pass one course involving laboratory work in Biology, Chemistry, or Physics.

4. Each student must pass one course or two half-courses chosen from Biblical Literature 1*a*, 2*a*, 3*a*, 3*b*, 4*b*, 5*b*; Philosophy 3*a*, 4, 5*b*, 7*a*, 7*b*, 9*a*, 10*b*, or Sociology 1*a*, 2*b*.

5. Each student must pass one course in Economics, Government, or History.

MAJOR CONCENTRATION*

A student may elect to major in any one of the following departments: Astronomy, Biblical Literature, Biology, Chemistry, Economics, Engineering, English, French, German, Government, Greek, History, Latin, Mathematics, Philosophy, Physics, Sociology.

Definite requirements of each department are stated under the name of the department on pages 30-55 and are understood as applying to the class of 1942. Before May first of his Sophomore year each student must confer with the Major Supervisor of the department in which he wishes to major, and must apply for written approval of a program of courses for the Junior and Senior years. Such a program must provide for the completion by the end of the Senior year of no fewer than six courses, at least three of which must have been in the major department and the others in closely related fields. Should the student's application be rejected by the department of his first choice, he must immediately apply in another. Failure to file with the Dean, before May first, a copy of his Major program, signed by his Major Supervisor, will entail a fine of \$5. Any student who continues delinquent in this matter will be debarred from the final examinations in his Sophomore year. Should the student's application be rejected by all the departments to which he applies, he will not be promoted to the Junior Class.

In addition each Senior must take a special Major examination

* A fuller statement of the rules governing Major Concentration can be obtained from the Registrar.

(written, oral, or both) during the week preceding the final examination period. (Class work for Seniors will close on Saturday, three weeks prior to Commencement Day.) The passing grade for this examination is 70. In case of failure a candidate may, with the permission of his Major department, present himself for re-examination at a date (to be determined by the Major Supervisor) later than Commencement Day of the current year.

In order to allow time for preparation for the Major examination, any Senior may omit, with the consent of his Major Supervisor, one non-Major half-year course in the second half-year.

Mid-year and final examinations in the Major subject in courses taken in the Senior year may be omitted at the discretion of the Major Supervisor.

FREE ELECTIVES

A number of courses sufficient to bring the total to twenty-three shall be chosen by the student, with the understanding that for the Freshman and Sophomore years the College reserves the right through its advisers to prevent unreasonable combinations of courses but that in the Junior and Senior years the student will choose his free electives after consultation with his Major Supervisor, whose power outside the field of major concentration is, however, merely advisory.

Freshman Program

Although the advisers are instructed to lay out for each Freshman a plan of study suited to his special needs, the Faculty recommends in all usual cases that Freshmen take Freshman English (required), one or two foreign languages, and two or three courses chosen from History, Mathematics, and Science, not more than one in any one of those fields.

The courses open to Freshmen, in addition to the required work in English and Physical Education, are:

Biology 1 or 2	History 1
Chemistry 1 or 2	Latin A, 1, 2, 4
Engineering 1a, 1b	Mathematics 1
French A, 1 or 2	Physics 1
German A, 1, or 2	Spanish A or 1
Greek A, 1, or 2a, 2b	

In special cases, Freshmen may be admitted to certain other courses with the consent of the Dean of Freshmen.

A Freshman will not be permitted to take more than five courses, in addition to Physical Education, except with special consent of the Faculty. As to requisite grades, see page 58.

Sophomore Program

Each Sophomore must take five courses, besides Physical Education, and may not take more than five, unless he receives the special consent of the Faculty, or is required to repeat or substitute a course, in which case he must obtain the consent of the Dean to take more than five courses. As to requisite grades, see page 58. The following courses* are open to Sophomores:

Astronomy 1a, 2	Greek A, 1, 2a, 2b, 3a, 3b, 4a, 4b, 5a, 5b, 6b
Biblical Literature 1a, 2a, 3a, 3b, 4b, 5b	History 1, 2, 3, 5, 6, 10a, 11b
Biology 1, 2, 3, 4, 5	Italian A, 1
Chemistry 1, 2, 3, 4, 5b	Latin 1, 2, 4, 5, 10, 14, 15
Economics 1	Mathematics 2
Engineering A, 1a, 1b, 2a, 2b	Music 1, 2
English 3a, 4b	Philosophy 1a, 3a, 4, 6b, 7b, 9a, 10b
French A, 1, 2, 3	Physics 1, 2
German A, 1, 2, 3, 4a	Sociology 1a, 2b
Government 1	Spanish A, 1

Junior Program

Each Junior must take five courses, besides Physical Education unless he receives the consent of the Faculty to take a greater number, or is required to repeat or substitute a course, in which case he must obtain the consent of the Dean to take more than five courses. A general average for the year of 70 is a prerequisite for promotion to the Senior class.

Senior Program

Each Senior must take five courses, unless he receives the consent of the Faculty to take a greater number or the consent of his Major Supervisor to drop one course in the second half-year, or unless he is required to repeat or substitute a course, in which case he must obtain the consent of the Dean to take more than five courses. A general average for the year of 70 is a prerequisite for graduation.

Special Cases

Whenever a student gives proof of special aims and abilities, the College is prepared to lay aside such requirements of the preceding plan as stand between him and the accomplishment of his aims.

CONFLICTING COURSES

A student is not allowed to elect conflicting courses, except with the permission of the Dean and the two instructors concerned. In case of conflict involving a repeated course the repeated course takes precedence.

* For prerequisites see the descriptions of the courses.

SPECIAL PLANS OF STUDY IN PREPARATION FOR PROFESSIONS

A large and increasing number of Haverford College students desire on graduation to enter upon courses of study fitting them for professions. For students desiring intensive preliminary training in engineering, medicine, and other highly specialized subjects, the College offers combinations of courses which admit to the best professional schools in the country with full standing, and in many cases with advanced credit.

To illustrate this feature of the curriculum there are presented on the following pages sample outlines of study for the four years, preparatory to specialization in Engineering, Medicine, Law, and Business Administration. Similar outlines might be prepared for other professions—Teaching, the Ministry, Journalism, Industrial Chemistry, etc. The student will in all cases consult with his Faculty Adviser and the professors concerned in his choice of courses.

N.B.—*It is understood that each of the outlines following is a sample only, presenting one among many possibilities, and is not intended to be a prescribed program.*

Preparation for Engineering.—Engineering today covers an extremely broad field of service, and there is accordingly no standard type of training suitable for all students preparing themselves for an engineering career.

Students not intending to enter the highly specialized fields of design and research will find the Haverford course ample for their needs. Graduates of Haverford who have majored in engineering are admitted to the student-engineers' courses of the leading industrial companies on equal terms with graduates of the larger engineering colleges.

A typical course in General Engineering similar to those variously announced as "Engineering Administration," "General Engineering," etc., is outlined immediately below.

FRESHMAN YEAR

English Composition and Literature*
Foreign Language
Mathematics
Inorganic Chemistry
Principles of Engineering
Drawing and Shop Methods
Engineering Orientation and Surveying
Physical Education*

SOPHOMORE YEAR

American Government
Elementary Economics
Calculus
General Physics
Mechanism
Analytical
Physical Education*

* Required of all students.

JUNIOR YEAR

Government and Business
 Transportation
 Psychology or Ethics
 Qualitative Analysis
 Differential Equations
 Elements of Applied Electricity
 Alternating Currents
 An elective
 Physical Education*

SENIOR YEAR

American Literature
 Accounting
 The Corporation
 Industry and Society
 Statistics
 Heat Engines
 Strength of Materials
 Mechanical Laboratory
 Internal Combustion Engines
 An elective

Preparation for Medicine.—A student intending to study medicine should plan his college course carefully in order to avoid conflicts between necessary courses and to avoid overloading with laboratory work in his Junior and Senior years. All the leading medical schools require the equivalent of the following Haverford courses: Freshman English, Biology 1, Chemistry 1, 2, 3 and 4, Physics 2 and either French 1 or German 1. Johns Hopkins University requires both French and German, and also elementary Latin. The University of Pennsylvania requires an additional course in English. Johns Hopkins and Harvard require the equivalent of Chemistry 8a. If American History has not been studied in school it must be taken in college in order to satisfy State Board requirements. There is no restriction as to what Major a pre-medical student may elect, since he can concentrate in almost any Major field, qualifying for either the A.B. or the S.B. degree, and at the same time complete the requirements for admission to medical school. The outline program which follows therefore merely indicates a suitable distribution of courses that are required or advised by medical schools. The electives must be so chosen as to satisfy Major concentration and other requirements for graduation, as well as any special requirements of the medical school to which application is to be made.

FRESHMAN YEAR

English Composition and Literature*
 Elementary Inorganic Chemistry†
 Mathematics
 French or German†
 1 Elective
 Physical Education*

SOPHOMORE YEAR

General Zoölogy†
 Advanced Inorganic Chemistry and
 Qualitative Analysis†
 3 Electives
 Physical Education*

JUNIOR YEAR

Chemistry—Quantitative Analysis
 General Physics†
 Organic Chemistry†
 2 Electives
 Physical Education*

SENIOR YEAR

Comparative Anatomy
 Physical Chemistry†
 Advanced Organic Chemistry†
 2½ Electives

* Required of all students.

† Required for admission by most medical schools.

Preparation for the Law.—Even those law schools which require that a person must hold a college degree to be eligible for admission do not usually specify what studies he shall have pursued in his undergraduate course. It is obvious, however, that a choice of electives may be made which will be of great value to the student later in the study of law and in the practice of his profession. It is recommended that the following courses be included in a student's program. In the case of those advanced courses which are given only in alternate years some variation in this program may be necessary.

FRESHMAN YEAR

English Composition and Literature*
 Foreign Language, preferably Latin
 A Modern Foreign Language
 Mathematics
 English History
 Physical Education*

SOPHOMORE YEAR

American Government
 Elementary Economics
 Laboratory Science
 American, Mediaeval, or Modern History
 An Elective
 Physical Education*

JUNIOR YEAR

Elementary Psychology
 English Constitutional History
 Roman Law
 Government and Business
 International Relations
 Comparative Government
 Accounting
 Physical Education*

SENIOR YEAR

Ethics
 English Literature
 American, Mediaeval, or Modern History
 The Corporation
 Government Finance
 Money and Banking

Preparation for Business Administration.—Students planning to continue study at a graduate school of business administration or to engage directly in business should arrange their programs for their Freshman and Sophomore years as above suggested for those planning to study law, but for their Junior and Senior years the following courses are recommended.

JUNIOR YEAR

Industry and Society, and Human Relations in Industry
 Money and Banking
 Accounting
 The Corporation
 Advanced Composition
 Electives
 Physical Education*

SENIOR YEAR

Ethics
 Modern Economic Problems
 Transportation or International Trade and Finance
 Government and Business
 American or Modern History
 Electives

* Required of all students.

COURSES OF INSTRUCTION

ART

1. Art and Culture of the Renaissance.—M. Tu. F. 11:30. DR. BERNHEIMER.

The field covered by this course is wider than its short title seems to indicate; for besides the development of Art in Italy from the 14th to the 16th century, that of the North in the same period will be studied. Emphasis will be laid upon the social and philosophical changes which accompany the changes in artistic style. The course will end with a short discussion of the baroque.

[Offered in 1939-40; not to be offered in 1940-41.]

2. Art since the Sixteenth Century.—M. Tu. F. 11:30. DR. BERNHEIMER.

This course gives a survey of European Art from the end of the Renaissance to the present day. Beginning with the great masters of the 16th century, who dominated the development of the following periods, it endeavors to do justice to such painters as Rembrandt, Rubens, Velasquez, without losing sight of the architectural developments of the Baroque. The second part of the course is devoted to an analysis of recent and contemporary art.

[Not offered in 1939-40; to be offered in 1940-41.]

ASTRONOMY

The William J. Strawbridge Memorial Observatory, newly built and equipped, affords students the means of becoming familiar with a variety of astronomical instruments, and of acquiring from actual observation a practical acquaintance with astronomy.

The equipment consists of two equatorially mounted telescopes with 10-inch and 4½-inch objectives respectively; a reflecting telescope with 8-inch mirror and altazimuth mounting; a meridian circle telescope of 3¾-inch aperture; a zenith telescope of 2¼-inch aperture; a spectrohelioscope; an astrographic mounting provided with a 4-inch Ross lens and a 4-inch guiding telescope; two clocks; a chronograph by Bond; charts, globes, and other instruments. The astronomical library is housed in the Observatory.

Major Requirements

Astronomy 2 and 4

Mathematics 1, 2, and 3, and Physics 2.

A comprehensive examination, partly oral, based on the subject matter of the above-named courses.

1a. Descriptive Astronomy.—M. W. F. 10:30, first half-year. MR. GUMMERE.

A culture class open to all students.

The leading facts of astronomy, with elementary explanation of the methods and instruments by which they are ascertained. A portion of the time is devoted to the study of the constellations, the handling of the telescopes, and simple problems.

2. Descriptive and Practical Astronomy.—Two class hours and one evening to be arranged. MR. GUMMERE.

This course covers the same ground as Astronomy 1a, together with practical work in the Observatory.

Use of sextant, transit, and equatorial; determination of instrumental constants, latitude, and time. The course is opened with a brief review of the essentials of spherical trigonometry. Prerequisite, *Plane Trigonometry* and *Solid Geometry*.

3a, 3b. Observational Astronomy.—Hours, to be arranged, either half-year. MR. GUMMERE.

The subject matter will be chosen to meet the needs of the students. Prerequisite, *Astronomy 2*.

4. Celestial Mechanics and Orbit Determination.—Hours, to be arranged, throughout the year. MR. GUMMERE.

An introduction to mathematical astronomy. Prerequisite, *Astronomy 2*, *Mathematics 3*, or in conjunction with *Mathematics 3*.

BIBLICAL LITERATURE

A gift has made possible field explorations and excavations which have yielded considerable archaeological material. Many objects illustrative of the life in biblical lands have been gathered in the Museum which is at present on the third floor of Sharpless Hall.

Major Requirements

Six half-year courses in Biblical Literature.

Six other half-year courses in either Biblical Literature or related departments.

Special study of one selected Biblical field, e.g., history, literature, the Old or New Testament.

A comprehensive examination covering the history, literature, and criticism of the Bible; and the religious and moral life of the Hebrews, Jews, and Christians.

1a. Introduction to the Old and New Testaments.—M. F. 2:30; W. 11:30, first half-year. PROFESSOR FLIGHT.

The literature of the Bible with its historical background.

2a. The Rise of Christianity.—Tu. Th. S. 8:30, first half-year. PROFESSOR FLIGHT.

A study of the background, early development and spread of the Christian movement as reflected in the New Testament, particularly in the book of Acts and the letters of Paul.

[Offered in 1939-40; not to be offered in 1940-41.]

3a. Ancient History of the Near East.—M. W. F. 10:30, first half-year. PROFESSOR FLIGHT.

The Beginnings of Western Civilization in the Cultures of the Near East; Archaeological and Historical.

3b. Development of Christian Thought within the Bible.—Tu. Th. S. 10:30, second half-year. PROFESSOR FLIGHT.

A study of the origins and development of the basic ideas in the teaching of religious leaders from the prophets to Paul.

4b. Comparative Religion.—Tu. Th. S. 9:30, second half-year. PROFESSOR FLIGHT.

A comparative study of the great living religions, their founders, their scriptures, their characteristic ideas and ideals.

[Offered in 1939-40; not to be offered in 1940-41.]

5b. The English Bible.—Tu. Th. S. 9:30, second half-year. PROFESSOR FLIGHT.

History and literary art of the English Bible, particularly the King James version and its influence on general literature.

[Not offered in 1939-40; to be offered in 1940-41.]

6a or 6b. Biblical and Oriental Conference.—Hours to be arranged, either half-year. PROFESSOR FLIGHT.

Individual work to be elected by the student from one or more of the following divisions of the field: literature, archaeology, history, philosophy. Prerequisite, other work in the department, in which a grade of B has been attained.

8. Hebrew.—Hour to be arranged. PROFESSOR FLIGHT.

Grammar, composition, and reading of simple Old Testament prose.

[Not offered in 1939-40; to be offered in 1940-41.]

BIOLOGY

As a prerequisite for Graduate work in Biology, most graduate schools require a reading knowledge of French and German, Chemistry 2, Physics 2, and at least Biology 1 and 2. For experimental Biology, Chemistry 4 is necessary. For work in natural history, Geology 1 may be substituted for Physics 2.

Major Requirements

Biology 1, 2, 7, and one of 3, 4, and 5.

Two courses chosen from Physics 2, Chemistry 2, and Geology 1.

Reading and reporting on approximately 15 biological books, besides those read in connection with courses. This is to be done at any time between the end of sophomore year and date of the comprehensive examination.

A comprehensive examination on the courses taken and the reading done is required to be passed. This examination will be partly written (approximately 4 hours), and partly oral.

1. General Zoölogy.—Lectures, Tu. S. 11:30; laboratory, W. F. 1:05-3:30. PROFESSOR DUNN and MR. HENRY.

The lectures of this course include a survey of the structure and relationships of animals, of the fundamental principles of living organisms, and an outline of the more important questions relating to evolution, heredity, and distribution. The laboratory periods are devoted to obtaining an acquaintance with the more important types of animal life. Two lectures and two laboratory periods a week.

2. General Botany.—Lectures, W. F. 8:30; laboratory, Tu. Th. 1:05-3:30. MR. HENRY.

The laboratory work of this course consists of the dissection and study of typical representatives of the principal groups of plants. Two lecture or recitation and two laboratory periods a week.

3. Comparative Anatomy of Vertebrates.—Lecture, Th. 10:30; laboratory, Tu. Th. 1:05-3:30. PROFESSOR DUNN.

The laboratory work of this course includes the dissection of a specimen of each of the major types of vertebrates. The lectures deal with the origin, status, and evolution of the organ systems of vertebrates. One lecture and two laboratory periods a week. Prerequisite, *Biology 1*.

4. Local Flora.—Lecture, F. 11:30; laboratory hours to be arranged. MR. HENRY.

The work of this course consists of the identification of representative Angiosperms, together with the study of their taxonomy and distribution. Collecting in the field will supplement laboratory work. One lecture and two laboratory periods a week. Prerequisite, *Biology 2*.

[Not offered in 1939-40; to be offered in 1940-41.]

5. Entomology.—Lecture, F. 11:30; laboratory hours to be arranged. MR. HENRY.

This course has been designed to give the student a knowledge of the anatomy and physiology of insects. The laboratory work consists of the dissection of a representative of each of the larger Orders. Particular emphasis is placed on the structures used in identification and permanent mounts are made of many of them. The preparation of local collection is required as part of the work. One lecture and two laboratory periods a week. Prerequisite, *Biology 1*.

[Offered in 1939-40; not to be offered in 1940-41.]

7. Evolution Heredity, and Other General Biological Problems.—Tu. Th. S. 8:30. PROFESSOR DUNN.

This is a general cultural course, intended not only for students of Biology, but for all who wish to be informed on current biological matters, especially students of Sociology, Philosophy and History, and of other Sciences. Special emphasis is given to the modern theories of evolution and of heredity. Open, without prerequisite, to Juniors and Seniors.

[Not offered in 1939-40; to be offered in 1940-41.]

10. Seminar Courses.—Hours to be arranged. Required of candidates for Honors in Biology.

Open only by permission of the Instructor.

Vertebrate Zoölogy—Classification and evolution of vertebrate groups. Prerequisite, *Biology 1*; *Biology 3* or with *Biology 3*. PROFESSOR DUNN.

Advanced Morphology—Study of morphological problems in animals. Prerequisite, *Biology 3*. PROFESSOR DUNN.

Ecology and Distribution—Problems of habitat relationships of geographical relationship of plants and/or animals. Prerequisite, *Biology 1* or *Biology 2*. PROFESSOR DUNN and MR. HENRY.

Genetics—Problems of Genetics. Primarily for Graduate Students. PROFESSOR DUNN.

Advanced Botany—Studies in comparative anatomy of plants. Prerequisite, *Biology, 2, 4*. MR. HENRY.

CHEMISTRY

Students planning to do graduate work in chemistry are advised to complete at least the following courses in other departments: French 1, German 1, Mathematics 2, and Physics 3. Courses in chemistry required for admission to most medical schools are 1, 2, 3, 4, 5b; to meet the requirements for admission to Harvard or Johns Hopkins medical school, course 8a must be taken also. Courses 4, 5b, 6, 7a, 7b, 8a, 9b, 10a and 10b, may be taken for credit by Graduate Students.

In addition to the laboratory fee referred to on page 64, each student is required to make a deposit of \$10 to cover breakage and

other special charges. This deposit must be paid before a laboratory desk is assigned. Any balance remaining is refunded at the end of the year.

Major Requirements

Chemistry 2, 3, 4, 5.

Two courses in related departments.

Additional reading on history of chemistry and on recent developments in chemistry.

Senior Chemistry Majors will meet with members of the department for a critical discussion of the chemical principles and their applications studied in the required Major courses.

The major examination consists of a detailed examination on the subject matter of Chemistry 2, 3, 4, 5, and, in part, Chemistry 1, and a comprehensive examination covering the same general field together with the historical background and recent developments.

Candidates for Final Honors in chemistry are expected to do work additional to that of the courses selected from: sight translation of chemical German; semimicro qualitative analysis; history of chemistry; glassblowing; blowpipe analysis; chemical microscopy; special topics in inorganic chemistry.

1. Elementary Inorganic Chemistry.—Lectures, Tu. Th. and occasionally S. 9:30; laboratory, Tu. or W. 1:05–3:30. MR. CADBURY.

Primarily for Freshmen and Sophomores who have not had chemistry in preparatory school. Limited to thirty-two students. Additional reading required of Juniors and Seniors.

Lectures and laboratory work dealing with the preparation, properties, and uses of the more common elements and their compounds; fundamental laws and theories; and the general principles of chemistry applied to industrial processes.

2. Advanced Inorganic Chemistry and Qualitative Analysis.—Lectures, Tu. Th. and occasionally S. 9:30; laboratory, Tu. Th. or two periods from M. W. F. 1:05–3:30. PROFESSOR MELDRUM, DR. JONES and MR. HAWLEY.

Primarily for Freshmen and Sophomores who have had chemistry in preparatory school or who have passed Chemistry 1. Fundamental laws and theories. Reaction velocity and equilibrium. Theories of ionization and atomic structure applied to explain solution and electrolytic phenomena and the mechanism of chemical reactions. Qualitative analysis using macro and semimicro methods constitutes the laboratory work.

3. Quantitative Analysis.—Lectures, Tu. and Th. 10:30; laboratory, M. W. or Tu. Th. 1:05–3:30. PROFESSOR MELDRUM and DR. JONES.

Lectures on the general principles of gravimetric, volumetric, electrolytic, and other methods of analysis. In the laboratory, typical methods are applied. Prerequisite, *Chemistry 2* and *Mathematics 1*.

4. Organic Chemistry.—Lectures, M. W. and occasionally F. 10:30; laboratory, M. W. or Tu. Th. 1:05–3:30. PROFESSOR MELDRUM and MR. BRICKER.

A study of aliphatic, aromatic, and heterocyclic compounds. Prerequisite, *Chemistry 2*.

5b. Physical Chemistry.—Lectures, Tu. Th. S. 8:30; laboratory, Th. or F. 1:05–3:30, second half-year. MR. CADBURY.

An introductory course adapted to the requirements of pre-medical students. Gases; colloids and adsorption; osmotic pressure and other properties of solutions; the phase rule; conductance, electromotive force, and hydrogen ion concentration; reaction velocity and catalysis. Prerequisite, *Chemistry 3*.

[A full year course after 1939–40.]

6a, 6b. Special Topics in Theoretical Chemistry.—Hours to be arranged. PROFESSOR MELDRUM and MR. CADBURY.

Open only to graduate students.

7a, 7b. Advanced Physical Chemistry.—Lectures, M. W. F. 9:30. MR. CADBURY.

Thermodynamics and its application in physical chemistry. Photochemistry. Modern theories of solutions. Applications of the modern theories of atomic structure. Prerequisite, *Chemistry 2*, *Mathematics 2*, and *Chemistry 5b* or *Physics 2*.

Laboratory work, to be arranged, is substituted for part of the class work.

8a. Advanced Organic Chemistry.—Lectures, W. F. 8:30; laboratory, W. or Th. 1:05–3:30, first half-year. DR. JONES.

Organic analysis constitutes the laboratory work.

9b. Advanced Quantitative Analysis.—Reading, reports, and laboratory work; laboratory, two periods from M. Tu. W. 1:05–3:30, second half-year. PROFESSOR MELDRUM.

10a, 10b. Chemistry Research.—Hours to be arranged. PROFESSOR MELDRUM, MR. CADBURY, and DR. JONES.

Open only to chemistry majors and graduate students in chemistry. May be elected as one or more courses.

ECONOMICS

Economics 1 is elective for Sophomores and is prerequisite to all other courses in economics. It may be taken by Juniors and Seniors only with the permission of the professor in charge.

Major Requirements

Six half-year courses in Economics in addition to Economics 1.

Sociology 1a, and three other half-year courses in supporting fields, as approved by the professors concerned.

Selected readings on the history of economic thought and on current economic problems.

A seven-hour comprehensive examination covering a review of the major courses and the readings. A part of the comprehensive examination may be oral.

1. Elementary Economics.

Section 1—M. W. F. 8:30. PROFESSOR TEAF.

Section 2—M. W. F. 9:30. PROFESSOR FETTER.

Section 3—M. W. F. 11:30. PROFESSOR TEAF.

(The three sections will meet together occasionally at the 11:30 hour on Wednesday. All students electing the course must have this hour free.)

The purpose of this course is to acquaint the student with the main features of modern economic life, and to develop an understanding of the principles underlying economic relationships. Emphasis is laid on the application of these principles to present day problems.

2a. Industry and Society.

—Tu. Th. S. 9:30, first half-year. PROFESSOR WATSON.

A sociological appraisal of modern industrialism. The course includes a detailed study of certain social problems, such as wages, hours of labor, unemployment, and other forms of economic insecurity, to discover, if possible, any causal connection between them and industry as such. The wider implications of the Machine Age are examined, together with proposed antidotes and remedies for its alleged evils.

Also called *Sociology 4a*.

3b. Human Relations in Industry.

—Tu. Th. S. 9:30, second half-year. PROFESSOR WATSON.

A study of business organization and the philosophy of management, with special reference to the fields of personnel administration and industrial relations. The course surveys scientific management since Taylor and includes an analysis

of the nature, objects, and technique of labor management, employee representation, and plans of union-management cooperation. Prerequisite, *Economics 2a*.

Also called *Sociology 5b*.

4a. Money and Banking.—M. Tu. F. 11:30, first half-year. PROFESSOR FETTER.

A study of the history and principles of money, credit, and banking, with particular reference to American conditions. Such problems as monetary standards, price movements and their effects, foreign exchange, commercial banking, central banking and the Federal Reserve System, are considered.

5b. International Trade and Finance.—M. Tu. F. 11:30, second half-year. PROFESSOR FETTER.

A study of foreign trade and exchange, international payments and trade problems connected therewith, money and banking in their international aspects, and international indebtedness. Prerequisite, *Economics 4a*.

6b. The Corporation.—M. W. F. 9:30, second half-year. PROFESSOR TEAF.

Economic functions and legal responsibilities of the corporation and its members; fixed capital, and the analysis of financial statements; policies involving surplus, reserves, dividends, etc.; expansion, combination, and reorganization. Social problems created by the growth of corporations are given special attention. Prerequisite, *Economics 11a*.

7b. Transportation.—M. W. F. 10:30, second half-year. PROFESSOR FETTER.

A study of the historical development and present status of railroads, inland waterways, and highway and air transportation in the United States. Among the problems discussed are public regulation of common carriers; rate making; valuation, consolidation, and intercorporate relations of railroads; the relation of railroads to other transportation agencies.

8b. Government Finance.—M. W. F. 8:30, second half-year. PROFESSOR HERNDON.

A study of the general principles of public expenditures, public revenues, public indebtedness, and financial administration, and of the principles of equity in the distribution of tax burdens.

Also called *Government 8b*.

[Not offered in 1939-40; to be offered in 1940-41.]

9a. Modern Economic Problems.—Tu. Th. S. 8:30, first half-year. PROFESSOR FETTER.

A study of selected economic problems of modern times, with special attention to their relation to economic theory. A conference course limited to ten students.

10a. Government and Business.—M. W. F. 10:30, first half-year. PROFESSOR TEAF.

A study of the historical development, economic basis, and the present problems of the regulation of business organization and policies by government. Special attention is given to such topics as the trust movement, anti-trust legislation, the Federal Trade Commission, competitive practices, cartels and trade associations, and the regulation of securities and securities exchanges.

Also called *Government 10a*.

11a. Accounting.—M. W. F. 9:30, first half-year. PROFESSOR TEAF.

The balance sheet and statement of profit and loss, the classification of accounts, the theory of debit and credit, the books of original entry and of record, opening and closing the books, corporation accounts, reserves, etc. Discussion is accompanied by practice problems. This course is intended to provide an understanding of accounting sufficient for students going into the professions as well as a foundation for advanced accounting courses for those who will go into business.

15a, 15b. Seminar.—Hours to be arranged. PROFESSORS FETTER and TEAF.

Readings, reports, and conferences on selected topics, to meet the individual needs of graduate students.

ENGINEERING

The engineering courses are designed to give a thorough training in fundamental engineering principles and, as far as practicable, to illustrate the application of these principles to their associated industries.

The courses are conducted in the Hilles Laboratory of Applied Science, a modern building containing offices, classrooms, drawing rooms, a departmental library, mechanical and electrical laboratories, locker rooms, etc.

Exceptional facilities for observing the practical side of the work are offered by the many manufacturing companies in and near Philadelphia, and frequent inspection trips are made.

The lack of a general or broad education and of thoroughness in fundamentals has been universally recognized as limiting the usefulness and opportunities of many in the engineering profession. To provide against these deficiencies students electing courses in engineering will be required to pursue studies of a general nature (history, ethics, economics, languages, etc.) throughout the four years, and to concentrate largely on mathematics, physics, and chemistry, the fundamentals of all engineering. This combination of breadth with thorough groundwork prepares the way for the highest professional development.

By a careful selection of electives from the several departments, a student should be able to meet the fundamental requirements of any branch of engineering activity which he may later undertake.* Haverford graduates who desire more specialized training before entering the active work of the profession are granted substantial credit toward advanced standing in technical institutions or are admitted to their graduate schools.

The specific courses offered are described below; but, in addition, others may be arranged to cover special needs. Application for admission to such courses should be made to the professor in charge. Engineering 10 and 11 may be counted as courses in Physics for the purpose of satisfying any curriculum requirements.

Major Requirements

Engineering 1a, 1b, 2b, 4a, 5b, 10a, 10b.

Mathematics 2, Physics 2 and two additional half-year courses from Engineering, Mathematics, Physics, or Chemistry.

An active interest in current professional work.

Comprehensive examination.

* See p. 27 for sample schedule in *General Engineering*

A. Shop Methods.—Hours to be arranged, first or second half-year. MR. RANTZ.

Machine-tool work on the lathe, planer, milling machine, shaper, etc. Modern production methods; costs and time studies. Prerequisite, *Engineering 1*. Reference library.

1a. Principles of Engineering Drawing and Shop Methods.—Drawing Tu. Th. 1:05–3:30; shop period and inspection trips to be arranged, first half-year. DR. HETZEL and MR. RANTZ.

Lettering, conventions, projection, perspective, sketching, detail and assembly drawings, checking and blue printing. Text: Giesecke, Mitchell and Spencer, *Technical Drawing*. Woodworking, pattern and foundry work in shop. Reference library.

1b. Engineering Orientation.—Tu. Th. 1:05–3:30; shop period and inspection trips to be arranged, second half-year. PROFESSORS RITTENHOUSE, HOLMES, DR. HETZEL and MR. RANTZ.

The purpose of this course is to inform students as to the nature and scope of various fields of engineering and to acquaint them with typical engineering equipment and problems. Exercises and machine-tool work, in plane surveying and in the mechanical and electrical laboratories. Discussions and reports. Reference library.

2a. Mechanism.—Tu. Th. 10:30; laboratory, W. 1:05–3:30, first half-year. DR. HETZEL.

Velocity diagrams, quick return motions, transmission gears, cams, etc. Two recitations and one drafting room period a week. Text: Schwamb, Merrill, and James, *Elements of Mechanism*.

2b. Analytical Mechanics.—Tu. Th. S. 10:30, second half-year. PROFESSOR HOLMES.

A study of forces and moments of forces; determination of stresses in trusses and cranes; centroids and center of gravity; rectilinear and curvilinear motion; translation and rotation of bodies; work, power, and energy; impulse and momentum; balancing and moments of inertia. Text: Seely and Ensign, *Analytical Mechanics for Engineers*. Prerequisite or parallel course, *Mathematics 2*.

3a or 3b. Descriptive Geometry.—Hours to be arranged; PROFESSOR HOLMES.

Advanced orthographic projections; applications to engineering structures. Theory and plates.

4a. Heat Engineering.—M. W. F. 8:30; laboratory period and inspection trips to be arranged, first half-year. PROFESSOR HOLMES and DR. HETZEL.

This course includes a study of steam and gas engines, turbines, condensers, air-compressors, steam boilers, power-plant economies, and cost of power. The thermodynamic principles involved are considered in the first part of the course. Text: Severns and Degler, *Steam, Air and Gas Power*.

In general, one laboratory period a week is required. The laboratory exercises parallel the classroom work and include boiler and engine testing, fuel tests, gas analyses, calibration of instruments, etc. Comprehensive reports for each test are required. Reference library.

5a. Materials of Engineering.—Two class hours, laboratory periods and inspection trips to be arranged, first half-year. PROFESSOR HOLMES.

A study of the production and engineering properties of metals, their alloys and the more important non-metallic materials. Laboratory exercises on the testing machine, heat treatment, microscopic study of metals and alloys, hardness testing, etc. Text: Mills, *Materials of Construction*. Reference library.

[Not offered in 1939–40; to be offered in 1940–41.]

5b. Strength of Materials.—W. F. 8:30; laboratory period and inspection trips to be arranged; second half-year. PROFESSOR HOLMES and MR. RANTZ.

A study of stress and strain; of beams and columns; of shafting; of girders, trusses, combined stresses, etc. A series of tests on the screw testing-machine is made by each student. Text: Laurson and Cox, *Mechanics of Materials*.

6b. Internal Combustion Engines.—Hours to be arranged, second half-year. DR. HETZEL.

A course on gasoline and Diesel engines, with particular attention to thermodynamics and the subject of fuels. Special topics may be arranged according to the interests of the group. Lectures, assigned reading, problems, laboratory experiments, inspection trips. Text: Lichty, *Internal Combustion Engines*.

7a. Fluid Mechanics.—Three class hours with occasional laboratory tests, first half-year. PROFESSOR HOLMES.

The properties of fluids; statics and dynamics of compressible and incompressible fluids; accelerated liquids in relative equilibrium; Reynolds' number; Bernoulli's theorem; flow of fluids in pipes, orifices and nozzles; flow with a free surface in channels and weirs; impulse and momentum in fluids; resistance of immersed and floating bodies; cavitation and dynamic similitude. Text: Dodge and Thompson, *Fluid Mechanics*.

[Offered in 1939-40; not to be offered in 1940-41.]

8a or 8b. Mechanical Laboratory.—Hours to be arranged, first or second half-year. PROFESSOR HOLMES and DR. HETZEL.

Operation, testing, and theory of steam, gas, hydraulic, and air machinery. Two periods of experimental work per week with reports on each test. If taken as 8a, the course may be continued through the second half-year by arrangement. Prerequisite, *Engineering 4a*. Reference library.

10a. Elements of Applied Electricity.—M. Tu. F. 11:30; laboratory, W. or Th. 1:05-3:30, first half-year. PROFESSOR RITTENHOUSE.

This course while fundamental to the more advanced electrical courses is adapted to the needs of those students desiring practical experience with the common applications of electricity. It includes a study of circuits, d.c. generators and motors, lamps, heaters, etc. The instruction is carried on by textbook and laboratory work. Text: Cook, *Elements of Electrical Engineering*.

10b. Alternating Current Theory and Practice.—M. F. 11:30; laboratory, W. or Th. 1:05-3:30, second half-year. PROFESSOR RITTENHOUSE.

A continuation of course 10a, with a more detailed study of alternating currents including applications to power and communication apparatus.

11a. Electrical, Magnetic and Communication Circuits.—Hours to be arranged, first half-year. PROFESSOR RITTENHOUSE and DR. HETZEL.

Circuit theory and laboratory work covering electronic tubes, rectifiers, amplifiers, oscillators, magnetic circuits, polyphase circuits, etc. Text: Weinbach, *Alternating Current Circuits*.

11b. Electrical Circuits and Measurements.—Hours to be arranged, second half-year. PROFESSOR RITTENHOUSE and DR. HETZEL.

A continuation of course 11a with a selection from a wide line of communication, power and electronic apparatus.

15a, 15b. Special Projects in Engineering.—Hours to be arranged. PROFESSORS RITTENHOUSE and HOLMES and DR. HETZEL.

Students majoring in Engineering are encouraged to do individual work in special fields of investigation. Each student devotes the time equivalent to one or two semester courses in comprehensive reading and experimental work on some particular topic.

ENGLISH LANGUAGE AND LITERATURE

The unrestricted courses in literature (not marked with asterisks) are non-technical, and the books are studied without extensive reference to the continuity of literary history. The courses marked with asterisks, though not necessarily more difficult, involve a more thorough study of literary history, and are designed primarily for students majoring in literature or in a closely related field.

Major Requirements

An individual program equal to six full-year courses, made up principally from the starred English courses with the approval of the Major Supervisor, and stressing Elizabethan and nineteenth-century literature. Greek 6b is usually required.

English Aa. Methods and Techniques of College Work.—Lecture M. 8:30, and one additional hour to be arranged, first half-year. MR. LESTER assisted by MR. WATSON.

This course is used to make sure that students have been adequately prepared in the routines that the faculty believes necessary for efficient college work. These routines are specified as follows:

1. The use of a library
2. The standard forms and principles of documentation
3. Elementary research
4. An elementary knowledge of logical methods and their occurrence in college work
5. A practical skill in expository writing

Students can obtain release from this work as soon as they satisfy the instructors of their proficiency, though normally this is not before the end of the first quarter.

No numerical grade is recorded for this course: the student is reported as "satisfactory" or "unsatisfactory."

Public Speaking Aa.—One hour to be arranged, first half-year. PROFESSOR MONTGOMERY.

A diagnosis of the student's voice and speech needs, with recommendations for their improvement. Instruction and practice in extemporaneous speaking.

Students cannot normally obtain release from this work.

No numerical grade is recorded for this course: the student is reported as "satisfactory" or "unsatisfactory."

N.B. English Aa and Public Speaking Aa, although under the direction of the English Department, are fundamental to the entire curriculum of the College and not only to the English Department's plan of courses in literature.

English 1a. Advanced Freshman English.—Hours to be arranged, first half-year. Elective for those students who satisfy the instructor and the administration of their eligibility for advanced work. MR. LESTER.

English 2b. The History of English Literature.—T. Th. S. 10:30, second half-year. Required of all Freshmen. PROFESSOR REITZEL.

3a. Shakespeare.—Tu. Th. S. 8:30, first half-year. PROFESSOR HOTSON.

Rapid reading of several plays with emphasis on features of general and popular interest. Not restricted, but offered primarily for Sophomores.

4b. The Contemporary Drama.—Tu. Th. S. 8:30, second half-year. PROFESSOR SNYDER.

A study of the technique and practice of the modern drama, as illustrated in

the works of Ibsen and the best modern dramatists of England and America. Not restricted, but offered primarily for Sophomores.

5a.* Elizabethan Literature.—M. W. F. 9:30, first half-year. PROFESSOR HOTSON.

Plays, lyrics, and pastorals by authors other than Shakespeare. *The Faerie Queene*. Offered primarily for Juniors majoring in English or a foreign literature. Prerequisite, *English 3a*.

6a.* Advanced Composition.—Tu. Th. S. 10:30, first half-year. PROFESSOR HOTSON.

Writing is done in connection with individual courses in reading. Limited to twelve Juniors and Seniors. Apply in advance.

[Not offered in 1939-40; to be offered in 1940-41.]

8a.* Chaucer.—Tu. Th. S. 10:30, first half-year. PROFESSOR HOTSON.

The *Canterbury Tales* and a wide selection of the other poems. Open to Juniors and Seniors.

[Offered in 1939-40; not to be offered in 1940-41.]

12a.* Eighteenth-Century Literature.—Tu. Th. S. 9:30, first half-year. PROFESSOR SNYDER.

Essays, dramas, and Boswell's *Life of Johnson*. Open to Juniors and Seniors.

12b.* Eighteenth-Century Literature.—Tu. Th. S. 9:30, second half-year. PROFESSOR SNYDER.

Novels, poetry, and biographies of leading men of letters. Prerequisite, *English 12a*.

13a.* Nineteenth-Century Poetry.—M. W. F. 10:30, first half-year. PROFESSOR SNYDER.

A study of six poets: Coleridge, Wordsworth, Shelley, Byron, Keats, and Tennyson. Lectures and classroom discussions.

14b.* Nineteenth-Century Prose.—M. W. F. 10:30, second half-year. PROFESSOR REITZEL.

A study of the prose of the period 1830-1900, with special emphasis on fiction and on critical writings. The relation between economic and literary tendencies is emphasized.

16a. American Literature to the Civil War.—Tu. Th. S. 10:30, first half-year. PROFESSOR SNYDER.

Elective for all Juniors and Seniors.

[Offered in 1939-40; not to be offered in 1940-41.]

16b. American Literature Since the Civil War.—Tu. Th. S. 10:30, second half-year. PROFESSOR SNYDER.

Elective for all Juniors and Seniors.

[Offered in 1939-40; not to be offered in 1940-41.]

17b.* The Development of the Drama.—M. W. F. 9:30, second half-year. PROFESSOR SNYDER.

A rapid survey of the development of the drama in Greece, Italy, Spain, France, and Germany, illustrated by famous plays read chiefly in translation. Emphasis is put on comedy. Open to Juniors and Seniors. Prerequisite, *English 3a* or *4b*.

[Not offered in 1939-40; to be offered in 1940-41.]

* Students whose field of major concentration is remote from English may not elect the course without permission of the instructor.

18a.* Special Topics in Shakespeare.—M. W. F. 1:30, first half-year. PROFESSOR HOTSON.

Apply in advance. Prerequisite, *English 5a*.

21a.* Special Topics in Poetry.—M. W. F. 9:30, first half-year. PROFESSOR SNYDER.

Important treatises on poetics from Aristotle to Whitman. An intensive study of Browning's poems. Apply in advance. Prerequisite, *English 13a*.

22b.* Special Topics in Prose of the Romantic Period.—M. W. F. 9:30, second half-year. PROFESSOR REITZEL.

Apply in advance.

FRENCH

Major Requirements

French 2, 3, 4, 5, and 6.

Latin 2 or German 2.

History of France 1515–1870.

A comprehensive examination, written and oral, including pronunciation and sight reading.

A. Elementary French.—M. F. 11:30; W. 2:30. PROFESSOR MELCHIOR.

Elementary grammar and the reading of simple texts. Emphasis will be laid on pronunciation.

1. Intermediate French.

Section 1—M. W. F. 9:30. PROFESSOR MELCHIOR first half-year, PROFESSOR WILLIAMSON second half-year.

Section 2—Tu. Th. S. 9:30. PROFESSOR MELCHIOR.

Grammar, composition, and reading, both in the classroom and as outside work. Prerequisite, *French A* or entrance *French 2*.

2. Advanced Intermediate French.

Section 1—M. W. F. 9:30. PRESIDENT COMFORT.

Section 2—M. W. F. 10:30. PROFESSOR WILLIAMSON.

Section 3—Tu. Th. S. 9:30. PROFESSOR WILLIAMSON first half-year, PRESIDENT COMFORT second half year.

Composition. Reading of French classics, both in the classroom and as outside work. Prerequisite, *French 1* or entrance *French 3*.

3. Advanced French.—M. W. F. 9:30. PROFESSOR WILLIAMSON first half-year, PROFESSOR MELCHIOR second half-year.

Rapid reading course in French literature of the nineteenth and twentieth centuries, both in the classroom and as outside assignments. Prerequisite, *French 2*.

4. History of French Literature.—Tu. Th. S. 9:30. PRESIDENT COMFORT first half-year, PROFESSOR WILLIAMSON second half-year.

Lectures, with collateral reading and reports on the history of French literature from its origins to the present time. Prerequisite, *French 2*.

[Offered in 1939–40; not to be offered in 1940–41.]

5. Advanced French Composition and Conversation.—Tu. Th. S. 8:30. PROFESSOR MELCHIOR.

* Required of Seniors majoring in English and open to a few others especially well qualified.

6a. French Literature of the Seventeenth Century.—Hours to be arranged, first half-year. PROFESSOR WILLIAMSON.

Lectures, reports and discussions on the main currents of thought and outstanding literary figures of the century. Prerequisite, *French 3* or *French 4*.
[Not offered in 1939–40; to be offered in 1940–41.]

6b. French Literature of the Eighteenth Century.—Hours to be arranged, second half-year. PROFESSOR WILLIAMSON.

Lectures, reports and discussions on the main currents of thought of the Age of Reason. Prerequisite, *French 3* or *French 4*.
[Not offered in 1939–40; to be offered in 1940–41.]

(*French 5*, *6a*, and *6b* may be elected only by qualified Juniors and Seniors after consultation with the professor in charge.)

GEOGRAPHY AND GEOLOGY

1. Geography and Geology.—Tu. Th. S. 8:30. PROFESSOR DUNN.

A discussion of the general principles of the sciences, with special reference to North America, and to the Philadelphia region. Practical work in mineralogy, physiography, and stratigraphy is required. Three lectures a week (one omitted at option of instructor). Open to Juniors and Seniors without prerequisite.

[Offered in 1939–40; not to be offered in 1940–41.]

GERMAN

Major Requirements

German 2, 3, 4a, 5a, 5b, 6, and 7b.

Supporting courses to be arranged in conference with Professor J. A. Kelly. A comprehensive examination covering: 1. German language; 2. History of the German language; 3. German literature; 4. German history, 1517–1914; and 5. A special period, literary movement, or writer.

A. Elementary German.—Section 1—M. W. F. 9:30; Section 2—M. W. F. 10:30. PROFESSORS J. A. KELLY and PFUND.

Grammar, conversation, and the reading of simple texts.

1. Intermediate German.—Section 1—M. W. F. 9:30; Section 2—M. W. F. 10:30. PROFESSORS J. A. KELLY and PFUND.

Texts of moderate difficulty are read both in class and as outside work. One hour a week is devoted to composition. Prerequisite, *German A* or entrance *German 2*.

2. German Language and Literature.—Tu. Th. S. 9:30. PROFESSOR PFUND.

Reading of standard works of German Literature. Composition. Prerequisite, *German 1* or entrance *German 3*.

3. Lessing, Goethe, Schiller.—Hours to be arranged. PROFESSOR J. A. KELLY. Prerequisite, *German 2* or the equivalent.

4a. Advanced Composition and Conversation.—M. 2:30, and one evening session; first half-year. PROFESSOR PFUND.

Prerequisite, *German 2* or the equivalent.
[Offered in 1939–40; not to be offered in 1940–41.]

5a. General View of German Literature, from its origins to the eighteenth century.—Hours to be arranged, first half-year. PROFESSOR PFUND.

Prerequisite, *German 2*.
[Not offered in 1939–40; to be offered in 1940–41.]

5b. General View of German Literature, from the eighteenth century to the present time.—Hours to be arranged, second half-year. PROFESSOR PFUND.

Prerequisite, *German 2*.

[Not offered in 1939-40; to be offered in 1940-41.]

6. German Literature of the Nineteenth Century.—Hours to be arranged. PROFESSOR J. A. Kelly.

[Offered in 1939-40; not to be offered in 1940-41.]

7b. Faust.—Hours to be arranged, second half-year. PROFESSOR PFUND.

[Offered in 1939-40; not to be offered in 1940-41.]

8a. The Life and Works of Richard Wagner.—Hours to be arranged, first half-year. PROFESSOR J. A. Kelly.

[Not offered in 1939-40; to be offered in 1940-41.]

9b. German Lyric Poetry.—Suggested hours, Tu. 7:30-10:00 P.M., first half-year. PROFESSOR PFUND.

[Offered in 1939-40; not to be offered in 1940-41.]

GOVERNMENT

Government 1 is a prerequisite for any other course in this department.

Major Requirements

Six half-year courses in Government.

Six other half-year courses in Economics, Sociology, and History.

A four-hour examination covering a review of the major field.

A three-hour examination covering readings in political philosophy.

1. American Government.—Section 1, Tu, Th. S. 9:30. Section 2, Tu. Th. S. 10:30. PROFESSOR HERNDON.

A study of the practical working of the American system of government, national, state, and local, with a careful consideration of the leading court decisions.

3a. Constitutional Law.—M. W. F. 8:30, first half-year. PROFESSOR HERNDON.

A study of the principal decisions of the Supreme Court of the United States, together with practice in the preparation of cases and the writing of opinions.

[Not offered in 1939-40; to be offered in 1940-41.]

4a. International Relations.—W. 11:30, Th. 7:30-9:30 P.M., first half-year. PROFESSOR HERNDON.

The Practice of Diplomacy. A critical study of the quest of empire and the foreign policies of the Great Powers.

[Offered in 1939-40; not to be offered in 1940-41.]

6b. Comparative Government.—M. W. F. 10:30, second half-year. PROFESSOR HERNDON.

A comparative study of the modern constitutional systems of the principal European states.

[Offered in 1939-40; not to be offered in 1940-41.]

8b. Government Finance.—M. W. F. 8:30, second half-year. PROFESSOR HERNDON.

A study of the general principles of public expenditures, public revenues, public indebtedness, and financial administration, and of the principles of equity in the distribution of tax burdens.

Also called Economics *8b*.

[Not offered in 1939-40; to be offered in 1940-41.]

10a. Government and Business.—M. W. F. 10:30, first half-year. PROFESSOR TEAF.

A study of the historical development, economic basis, and the present problems of the regulation of business organization and policies by government. Special attention is given to such topics as the trust movement, anti-trust legislation, the Federal Trade Commission, competitive practices, cartels and trade associations, and the regulation of securities and securities exchanges.

Also called *Economics 10a*.

11a, 11b. Contemporary Legislation.—Hours to be arranged. PROFESSOR HERN-DON.

The course is open only to Graduate Students.

GREEK*

Students presenting two units of Greek for entrance (see page 18) will be admitted to *Greek 1*; those who have passed three units, to *Greek 2*.

Major Requirements

Greek 2, 3, and two half-year courses from Greek 4a, 4b, 5a, 5b, 6b, and History 10.

Three additional courses to be arranged in conference with Professor Post.

If Greek 1 is not taken in college, an additional half-course will be required.

A comprehensive examination on Greek language and literature, Greek history and Greek civilization.

A. Elementary Greek.—M. W. F. 9:30 PROFESSOR POST and DR. WALTON.

Thorough study of the elements of the language followed by the reading of simple Attic prose. This course gives adequate preparation for *Greek 1*.

1. Intermediate Greek.—M. Tu. F. 11:30. PROFESSOR POST.

A rapid reading course in such authors as Homer, Herodotus, and Euripides.

2a, 2b. Advanced Intermediate Greek.—Tu. Th. S. 9:30. PROFESSOR POST.

Selections from Plato, Menander, Aristophanes, and the tragedians are read.

3a, 3b. Advanced Greek.—Hours to be arranged. PROFESSOR POST.

The instructor will arrange with students electing this course for systematic study of special subjects in Greek philosophy, history, or literature in connection with the reading of Greek authors.

4a, 4b. Advanced Greek.—Hours to be arranged. PROFESSOR POST.

A continuation of the work done in *Greek 3*.

5a, 5b. Advanced Greek Prose Composition.—Hours to be arranged. PROFESSOR POST.

This course should be taken by all candidates for final honors in Greek.

6b. Greek Literature in English.—M. W. F. 8:30, second half-year. PROFESSOR POST.

Lectures on Greek literature. Reading of Greek poetry, drama, and literary criticism in translation. Essays and discussions. No knowledge of Greek is required in this course, but a general acquaintance with English literature is essential.

* See also History 10a.

HISTORY

Major Requirements

Four full-year courses (or three full-year courses and two half-year courses) in History.

Two full-year courses or their equivalent in related departments.

Four review examinations of three hours each.

1. English History.—M. W. F. 10:30. PROFESSOR LUNT.

A survey of political, constitutional, economic, and social history, intended as an introductory course. Open to Freshmen and Sophomores.

2. Foundations of the United States, 1492-1865.—M. W. F. 8:30. PROFESSOR DRAKE.

Lectures, reading, and discussion in American colonial and early national history. Not open to Freshmen.

3. National Development of the United States, 1865 to the Present.—Tu. Th. S. 8:30. PROFESSOR DRAKE.

A study of institutional growth, with the larger social and political issues of the present considered in their historical setting. A lecture, reading, and discussion course as described in History 2. Intended primarily for Juniors and Seniors.

4. English Constitutional History.—M. W. F. 9:30. PROFESSOR LUNT.

A study of the formation and growth of English institutions, designed to be useful particularly to those who are interested in government and law. Elective for Juniors, Seniors, and Graduates.

[Offered in 1939-40; not to be offered in 1940-41.]

5. Mediaeval History.—M. W. F. 9:30. PROFESSOR LUNT.

A survey of the history of Europe from the time of the barbarian invasions to about 1500. Elective for Juniors, Seniors, and Graduates. Sophomores who have had *History 1* may also enter this course. Graduate students should have a reading knowledge of Latin, French or German.

[Not offered in 1939-40; to be offered in 1940-41.]

6. Modern European History.—M. W. F. 1:30. PROFESSOR LUNT.

A survey of the history of Europe from about 1500 to the present. Elective for Juniors and Seniors. Sophomores who have had *History 1* may enter the course.

[Offered in 1939-40; not to be offered in 1940-41.]

10a. Greek History.—Tu. 7:30-10:30 P.M., first-half year. DR. WALTON.

A survey of Greek history, with frequent reports on the art, archaeology, and political institutions of Greece. A knowledge of Greek is not required. Not open to Freshmen.

11b. Roman History.—Hours to be arranged, second half-year. DR. WALTON.

A survey of Roman history to the time of Constantine. Frequent class reports on special topics. A knowledge of Latin is not required. Not open to Freshmen.

ITALIAN

A. Elementary Italian.—M. W. F. 1:30. PROFESSOR WILLIAMSON.

Grammar, composition, and reading. Not open to Freshmen.

[Not offered in 1939-40; to be offered in 1940-41.]

1. Italian Literature.—Hours to be arranged. PROFESSOR WILLIAMSON.

The *Divina Commedia* and Italian classics both in the classroom and as outside work. Prerequisite, *Italian A*.

[Offered in 1939-40; not to be offered in 1940-41.]

LATIN*

Students who have passed 2 units of Latin for entrance (see page 18) will be admitted to *Latin A*; those who have passed 3 units, to *Latin A* or *1*, depending on whether they have studied Vergil or Cicero in their third year; those who have passed 4 units, to *Latin 2*, which is the course required for the A.B. degree (unless a student is qualified to take a higher course, or unless he takes Greek instead of Latin).

Major Requirements

Four full-year courses in Latin.

Two such additional full-year courses in other departments as are arranged in conference between the student and Professors Lockwood and H. Comfort.

A comprehensive examination focused on Roman history, literature, and civilization, and the classical heritage of mediaeval and modern times.

A. Third Year Latin.—Hours to be arranged. DR. WALTON.

Cicero. Limited to those who have never studied Cicero.

1. Fourth Year Latin.—Hours to be arranged. PROFESSOR POST and DR. WALTON.

Vergil. Limited to those who have never studied Vergil.

2. Survey of Classical Roman Literature.—PROFESSOR LOCKWOOD and DR. WALTON.

Section 1—M. F. 9:30; W. 11:30.

Section 2—M. F. 2:30; W. 11:30.

Rapid reading of classical authors from Plautus to Suetonius. This course supplements the intensive foundation work of the preparatory school with extensive reading over a broader range of Latin literature illustrating Greco-Roman life and thought. Emphasis will be laid on literary history and appreciation.

3a. Roman Drama.—Hours to be arranged, first half-year. PROFESSOR H. COMFORT.

Plautus, Terence, Seneca.

[Not offered in 1939-40; to be offered in 1940-41.]

3b. Roman Imperial Prose.—Hours to be arranged, second half-year. PROFESSOR H. COMFORT.

Petronius, Tacitus, Pliny's *Letters*.

[Not offered in 1939-40; to be offered in 1940-41.]

4a. Roman Historians.—Suggested hours, Tu. Th. S. 10:30, first half-year. DR. WALTON.

Livy, Caesar, Cicero's *Letters*.

[Offered in 1939-40; not to be offered in 1940-41.]

* See also History 11b.

4b. Poetry of the Golden Age.—Suggested hours, Tu. Th. S. 9:30, second half-year. DR. WALTON.

Catullus, Vergil, Horace, Ovid.

[Offered in 1939-40; not to be offered in 1940-41.]

Any of the following courses may be repeated with change of content, for full credit.

5. Survey of European Latin Literature.—Hours to be arranged. PROFESSOR LOCKWOOD.

Rapid reading of selections from the post-classical, Christian, mediaeval, and modern Latin writers; study of the phases of European civilization represented in Latin letters.

10a or 10b. Prose Composition.—Hours to be arranged, either half-year. PROFESSOR LOCKWOOD.

Required of candidates for Final Honors in Latin.

14a or 14b. Readings in Latin Literature.—Hours to be arranged. PROFESSOR LOCKWOOD.

Individual work. Each student may select a field of reading which is correlated with his other college courses (e.g., in philosophy, history, Romance languages, or English literature) or he may pursue more intensive work in one of the periods or one of the literary types surveyed in *Latin 2, 3a, 3b, 4a, 4b*, or 5.

15. Roman Law.—Hours to be arranged. PROFESSOR LOCKWOOD.

Reading of selections from the *Institutes*, the *Digest*, and other texts and sources of Roman Law.

MATHEMATICS

Freshmen who have passed courses in Solid Geometry and Trigonometry will be placed in an advanced section of *Mathematics 1*.

Mathematics 3 should be taken by students contemplating advanced work in Chemistry, Engineering, or Physics.

Major Requirements

Mathematics 1, 2, 3, 4, 5, 6a, and 10b.

Prescribed parallel reading on the history and general principles of Mathematics.

Three written comprehensive examinations, each three hours in length. An oral examination will be required of candidates for final honors.

It is recommended that facility in reading French and German be acquired as early in the College Course as possible.

1. Freshman Mathematics.—M. F. 11:30, Tu. Th. 8:30. PROFESSORS OAKLEY and ALLENDOERFER and DR. BETZ.

Plane trigonometry, including logarithms and the solution of triangles, with applications. *Topics in Algebra*, including complex numbers, combinations and permutations, determinants, and the elements of the theory of equations. *Solid Geometry*: lines and planes, solid angles, and the sphere. *Analytic Geometry*: general methods, with applications to conic sections and other curves; introduction to geometry of three dimensions.

2. Calculus.—M. W. F. 8:30. PROFESSOR ALLENDOERFER and DR. BETZ.

Differential and Integral Calculus, with applications. Prerequisite, *Mathematics 1*.

3. Advanced Calculus and Differential Equations.—M. W. F. 8:30. PROFESSOR OAKLEY.

Prerequisite, *Mathematics 2*.

4a, 4b. Introduction to Higher Algebra.—Hours to be arranged. PROFESSOR ALLENDOERFER.

Prerequisite, *Mathematics 2*.

[Not offered in 1939-40; to be offered in 1940-41.]

5a, 5b. Introduction to Higher Geometry.—Hours to be arranged. PROFESSOR ALLENDOERFER.

Prerequisite, *Mathematics 2*.

[Offered in 1939-40; not to be offered in 1940-41.]

6a. Partial Differential Equations and Fourier Series.—Hours to be arranged. DR. BETZ.

Problem course, with many applications to Chemistry, Engineering and Physics. Prerequisite, *Mathematics 3*.

8a. Introduction to Statistics.—M. W. F. 10:30. PROFESSOR OAKLEY.

Tabular and graphic methods, frequency distribution, averages, measures of central tendency, dispersion and skewness, correlation. Lectures and laboratory. Prerequisite, *Mathematics 1*.

[Offered in 1939-40; not to be offered in 1940-41.]

9b. Advanced Statistics, Elementary Probabilities and Finite Differences.—M. W. F. 10:30. PROFESSOR OAKLEY.

This course is designed for students who are interested in statistical and actuarial work. Prerequisite, *Mathematics 2* and *8a*.

[Offered in 1939-40; not to be offered in 1940-41.]

10a or 10b. Special topics.—Hours to be arranged. PROFESSORS OAKLEY and ALLENDOERFER.

The content of this course may vary from year to year to suit the needs of advanced students. May be repeated for credit.

MUSIC

1. Introduction to Music, Analysis of Musical Forms, and Historical Survey.—M. Tu. F. 11:30. PROFESSOR SWANN.

As indicated above, the purpose of the course is a three-fold one: to define and clarify the scope of music for the average listener, to attain to a knowledge of the rudiments of music that will enable the student to analyse such classical forms as the fugue, sonata, or rondo, and to present the material in historical order, pointing out the place of music and the rôle of individual composers in the successive epochs of the Christian era (up to the middle of the 19th century).

[Not offered in 1939-40; to be offered in 1940-41.]

2. The Theory of Music.—M. W. F. 11:30. MR. LAFFORD.

Introduction to Musical Theory, comprising the mechanics of notation, time, and of written music generally. Harmony, from two part and figured Harmony to unfigured Harmony in any form, and Counterpoint to fifth species in three parts, with an introduction to Fugue.

PHILOSOPHY

Major Requirements

Philosophy 1a, 4, 7a.

Four other half-year courses in Philosophy.

Four half-year courses in related fields to be arranged in conference with the professor in charge.

A comprehensive examination in two parts: three hours on the history of philosophy and three hours on one optional field selected from Topics in Philosophy since 1800, or Religious Thought, or Psychology.

1a. Elementary Psychology.—M. F. 1:30, Tu. 11:30 or W. 1:30, first half-year. PROFESSOR THOMAS R. KELLY.

The problems of human nature will be faced in this course by means of lectures, discussions, and assigned readings. A textbook will be used to acquaint the student with the major findings of modern scientific investigators in this field, and group experiments will be conducted to illustrate important points. The student will be introduced to the significant rival schools of psychology.

2b. Advanced Psychology.—Tu. Th. S. 9:30, second half-year. PROFESSOR STEERE.

A study of the nature and functioning of personality by an examination of personality in difficulties. Both the forms of abnormal behavior and the modern theories of psychotherapy will be studied. Lectures, class reports, and occasional trips to clinic. Elective for twelve Juniors and Seniors and only by consent of instructor. Prerequisite, *Philosophy 1a*.

[This course is designed for advanced students and graduates only.]

3a. Introduction to Philosophy.—M. W. F. 8:30, first half-year. PROFESSOR THOMAS R. KELLY.

In this introductory course an attempt is made to orient the student in the whole field of philosophy, preparing him for the more specialized disciplines, such as ethics, logic, and the philosophy of science. The course deals with the philosophy of nature, the theory of knowledge, and the philosophy of spirit.

4. History of Philosophy.—M. W. F. 10:30. PROFESSORS STEERE and THOMAS R. KELLY.

A study of the development of philosophy with special reference to Plato, Aristotle, Descartes, Locke, Berkeley, Hume, Spinoza, Leibnitz, Kant, and Hegel. First-hand acquaintance with selected writings of these philosophers, reports, lectures, and class discussions. Philosophy 3a is recommended but not required.

5b. Nineteenth-Century Thinkers.—Hours to be arranged, second half-year. PROFESSOR STEERE.

Selected writings of Schopenhauer, Nietzsche, Tolstoy, and Bergson. Open only to Juniors and Seniors, except by permission of instructor.

6b. Logic.—Tu. Th. S. 8:30, second half-year. PROFESSOR THOMAS R. KELLY

The course is designed to acquaint the student with the logic of scientific method and to develop facility in the classical deductive logic. In addition, the recent expansion of this latter field through the development of symbolic logic is examined. Elective for Juniors and Seniors.

[Offered in 1939-40; not to be offered in 1940-41.]

7a. Ethics.—M. F. 2:30, W. 11:30, first half-year. PROFESSOR STEERE.

The course will study (1) conflicts of ethical values involved in contemporary life; (2) certain classical ethical devices for resolving those conflicts; (3) the rôle of

the individual and of the group in the realization of ethical values. Case material drawn from contemporary situations and from literature will be widely used. Discussions, lectures and papers.

7b. Oriental Philosophy.—M. W. F. 8:30, second half-year. PROFESSOR THOMAS R. KELLY.

An introduction to life ideals and philosophic speculations of Eastern peoples, particularly those of China and India. Each year in which the course is offered, special emphasis will be laid upon the thought of one country. The emphasis during 1940-41 will be upon the philosophy of China.

[Not offered in 1939-40; to be offered in 1940-41.]

8. Philosophical Seminar.—Hours to be arranged. PROFESSORS STEERE and THOMAS R. KELLY.

Specialized work in some restricted field of philosophic or religious thought is undertaken, the precise subject depending upon the needs of the students and the general interests of the group. Primarily designed for seniors majoring in philosophy and for graduates.

9a. Classics of Religious Literature.—Tu. Th. S. 8:30, first half-year. PROFESSOR STEERE.

A study which will include such books as Augustine, *Confessions*; Bernard of Clairvaux, *On Consideration*; Meister Eckhart, *Sermons*; Little Flowers of Francis of Assisi; Thomas à Kempis, *Imitation of Christ*; *Theologica Germanica*; Theresa of Avila, *Autobiography*; Frances de Sales, *Introduction to the Devout Life*; Lancelot Andrewes, *Preces Privatae*; Pascal, *Thoughts*; Isaac Penington, *Letters*; John Wesley, *Journal*; John Henry Newman, *Apologia*; George Tyrrell, *Autobiography*. [Offered in 1939-40; not to be offered in 1940-41.]

10b. History and Philosophy of Quakerism.—M. F. 2:30, W. 11:30, second half-year. PROFESSOR THOMAS R. KELLY.

The Quaker Movement is studied in its relation to other intellectual and religious movements of its time, particularly those found in English philosophy. The development of the dominant Quaker conceptions is traced to the present day and critically examined. The course is designed for non-Friends as well as for Friends. Not open to Freshmen.

PHYSICAL EDUCATION

The college equipment for outdoor athletics includes: Walton Field for football and track and field sports, with a concrete and wood grandstand and 440-yard oval and 220-yard, six-lane straightaway cinder tracks; the Class of 1888 and Merion Fields for Association (soccer) football, both of which are used for baseball in the spring; a skating pond; Cope Field for cricket, with players' pavilion and shed for winter practice; an athletic field, presented by the Class of 1916; a baseball field, presented by the Class of 1922 and used also for soccer in the fall; and twelve tennis courts, five of which were presented by the Class of 1923.

The Gymnasium contains a main floor, sixty by ninety feet, used for basketball and intramural sports. It has an inclined running track, five feet in width. Adjoining the main floor are offices

for the use of the directors in physical examination and measurement, and for special student conferences. Adjoining the main hall is a large and comfortable reading room and apartments for the use of the College athletic coaches and alumni. The basement contains dressing rooms, a number of well ventilated lockers, shower baths, a pool, a wrestling room and storage room for athletic equipment. There is a special dressing room provided for visiting athletic teams. Through the courtesy of the Merion Cricket Club and the Merion Golf Club, facilities for squash and golf are available.

A thorough physical examination with a series of efficiency tests is given to each student upon entrance, and another at the end of Sophomore year. A Tuberculin Test is given to all Freshmen, followed by an X-ray if necessary, as part of this required examination. No student whose physical condition is unsatisfactory will be permitted to represent the College on any athletic team.

Course 1 is required of Freshmen; Course 2, of Sophomores; Course 3, of Juniors.

These courses are arranged in accordance with the plan for all-year physical training during Freshman and Sophomore years, and part-year physical training during Junior year. For *Physical Education 1 and 2*—a half course credit will be given. For *Physical Education 3*—a pass or failure will be shown.

Work on varsity and junior varsity squads may be substituted for regular Physical Education requirements.

1. Physical Education.—Three hours. PROFESSOR RANDALL, MR. EVANS, MR. HADDLETON, MR. DOCHERTY, and others.

A course of elementary instruction in athletic games, including football, soccer, basketball, tennis, golf, track, volley ball, handball, badminton; partly elective. Special corrective exercises during the 2nd and 3rd quarters.

2. Physical Education.—Three hours. PROFESSOR RANDALL, MR. EVANS, MR. HADDLETON, MR. DOCHERTY, and others.

A course of advanced instruction in athletic games with emphasis on intramural sports.

3. Physical Education.—Three hours. PROFESSOR RANDALL, MR. EVANS, MR. HADDLETON, MR. DOCHERTY, and others.

A course almost entirely elective, involving participation in some organized and supervised athletic activity during two of the three athletic seasons of the college year.

PHYSICS

Course 2 is the basic course for further work in physics or in engineering. It covers the work required for admission to medical schools and other graduate institutions.

Major Requirements

Physics 2, 10 and one and one-half or two full-year courses from Physics 3, 4a, 4b, 5a, 6b, 7a, 8b.

History of Physics.

Mathematics 2, and one or one and one-half courses from Chemistry 1 or 2, Engineering 10, 11, Astronomy 1a, 2b, or additional mathematics.

A comprehensive examination based upon above-mentioned courses.

1. Introductory Physics.—M. W. F. 9:30; laboratory W. 1:05–3:30. PROFESSOR SUTTON.

An elementary course designed for students who have had no previous study of physics, especially for those who may have no intention to specialize in science. Its purpose is to acquaint students with the principles underlying common physical phenomena and to illustrate, by lecture table experiments, solution of problems and simple laboratory experiments, how these principles apply to matters of everyday experience. This is a much less exacting course than Physics 2. It meets at the same hours so that students from either course may be shifted into the other to meet individual needs and capabilities.

2. General Physics.—Lectures, M. W. F. 9:30; laboratory, W. or Th. 1:05–3:30. PROFESSOR PALMER and MR. LILJENSTEIN.

Mechanics, heat, sound, magnetism, electricity, and light are studied with the help of problems and lecture demonstrations. A feature of this course is the laboratory work, the chief aim of which is accuracy of observation and measurement. Text: Weld and Palmer, *A Textbook of Modern Physics*. Prerequisites, *Trigonometry*, and *Entrance Physics* or *Physics 1*.

3. Ions, Electrons, Radiations, and Atomic Structure.—Tu. Th. S. 9:30. PROFESSOR PALMER.

A large amount of reading supplementary to the lectures is required in the library of reference books. Experiments are performed by the class as a whole upon such subjects as: atomic and molecular dimensions, weight, and numbers; magnitude of charge and ratio $E \div M$ for electrolytic ions; $e \div m$ for cathode rays; properties of gaseous ions; measurement of the electronic charge e by Millikan's oil-drop method; current and space charge in an electron tube; photo-electric effect; radiation and ionization potentials; X-ray spectra; rate of decay of thorium emanation, and of the active deposit from radon; counting the alpha particles from a specimen of polonium. Prerequisite, *Physics 2*.

4a. Electricity and Magnetism.—Tu. Th. 10:30; laboratory, Tu. 1:05–3:30, first half-year. PROFESSOR SUTTON.

Lectures and laboratory experiments in precision electrical measurements. This course treats such topics as Kirchhoff's laws, Gauss's theorem, magnetic circuits, potential, capacity, inductance, alternating current, and the laws of the electro-magnetic field. Textbook: Page and Adams, *Principles of Electricity*. Prerequisites, *Physics 2* and *Mathematics 2*.

[Not offered in 1939–40; to be offered in 1940–41.]

4b. Intermediate Radio Communication.—Tu. Th. 10:30; laboratory Tu. 1:05–3:30, second half-year. PROFESSOR SUTTON.

Lecture and laboratory course in high frequency transmission and reception. Textbook: Terman, *Radio Engineering*. Prerequisites, *Physics 2* and *Mathematics 2*, and preferably *Physics 4a*.

[Not offered in 1939–40; to be offered in 1940–41.]

5a. Introduction to Mathematical Physics.—Tu. Th. S. 8:30, first half-year. PROFESSOR SUTTON.

Lectures and problems in the underlying principles of mechanics, wave motion, and theory of electric fields, applying the methods of calculus and developing the use of vectors. Textbook: Page, *Introduction to Theoretical Physics*. Prerequisites, *Physics 2* and *Mathematics 2*.

6b. Radiation and Quantum Theory.—Tu. Th. S. 8:30, second half-year. PROFESSOR SUTTON.

Lectures on topics relating to the laws of radiation. Historical development of the quantum theory and its applications to spectroscopy and atomic structure. Textbook: Richtmyer, *Introduction to Modern Physics*, together with readings from current literature. Prerequisite, *Physics 5a*.

7a. Physical Optics.—Hours to be arranged, first half-year. PROFESSOR SUTTON.

Lectures and advanced laboratory work in diffraction, dispersion, interference, polarization, and other optical phenomena, extending the treatment given to light in *Physics 2*. Two lectures and one laboratory period a week, first half-year. [Offered in 1939–40; not to be offered in 1940–41.]

8b. Sound.—Hours to be arranged, second half-year. PROFESSOR SUTTON.

A course of lectures, readings and class experiments designed to familiarize the student with recent developments in acoustics. Study is given to the fundamentals of sound wave propagation, modern electrical and mechanical acoustic systems, architectural acoustics, supersonics, speech and hearing, and the analysis of musical sound. Prerequisite, *Physics 2*.

[Offered in 1939–40; not to be offered in 1940–41.]

10. Physics Seminar.—Hours to be arranged. PROFESSORS PALMER and SUTTON.

Advanced students in physics are encouraged to do individual work in special fields of investigation. Each student devotes the time equivalent to a full course in pursuing comprehensive reading and experimental work on some particular topic. Weekly meetings are held with the members of the department to discuss the progress in each field of investigation, so that each student becomes familiar with other problems than his own. In this course, the accomplishment of scholarly work of a nature preliminary to research work is the basis for awarding credit toward a degree.

SOCIOLOGY

Sociology 1a and 2b are elective for Sophomores, Juniors and Seniors. Other courses are open to Juniors, Seniors or Graduate Students only. Students planning to major in Sociology are urged to complete as many courses as possible in related fields before their Junior year.

Major Requirements

Six half-year courses in Sociology.

Six other half-year courses or their equivalent, chosen from the following: Biology 7, Philosophy 1a, Philosophy 2b, Government 1, Economics 1 and Mathematics 8a, in consultation with the major supervisor.

Additional selected readings covering a special field in Sociology.

A four-hour comprehensive examination covering the field of Sociology and related courses.

A three-hour examination, written or oral or both, covering a special field in Sociology chosen by the student.

1a. An Introduction to Sociology.—First half-year. PROFESSOR WATSON.

Section 1—M. W. F. 9:30.

Section 2—M. W. F. 11:30.

This course is an introduction to the scientific study of society. Its purpose is to study (1) those social forces and social processes whereby original nature is transformed into human nature, and (2) a description of the social organization man has evolved and the interaction between it and himself.

2b. Social Problems.—M. W. F. 9:30, second half-year. PROFESSOR WATSON.

A study of (1) the failure of society to provide sound heredity and equal opportunities for all, resulting in such major social problems as poverty, mental disease, neglect of child life, delinquency, and crime; (2) society's resources for solving the foregoing problems; and (3) the methods for dealing adequately with the victims of social maladjustment and the prevention of additional social failures. Prerequisite, *Sociology 1a*.

3b. Problems of the Modern Family.—M. 7:30–9:20 P.M., W. 2:30, second half-year. PROFESSOR WATSON.

A seminar course on problems of the modern family and education for parenthood. A discussion of relationships of husband-wife; parent-child; and family-community. The emphasis throughout is on factors making for normal family life and successful adjustment thereto. Restricted to a limited number of upper classmen or graduate students. Apply in advance. Prerequisite, *Sociology 1a*.

4a. Industry and Society.—Tu. Th. S. 9:30, first half-year. PROFESSOR WATSON.

A sociological appraisal of modern industrialism. The course includes a detailed study of certain social problems, such as wages, hours of labor, unemployment, and other forms of economic insecurity, to discover, if possible, any causal connection between them and industry as such. The wider implications of the Machine Age are examined, together with proposed remedies for its alleged evils. Prerequisite, *Economics 1*.

Also called *Economics 2a*.**5b. Human Relations in Industry.**—Tu. Th. S. 9:30, second half-year. PROFESSOR WATSON.

A study of business organization and the philosophy of management, with special reference to the fields of personnel administration and industrial relations. The course surveys scientific management since Taylor and includes an analysis of the nature, objects, and technique of labor management, employee representation, and plans of union-management coöperation. Prerequisite, *Sociology 4a*.

Also called *Economics 3b*.**6a. Advanced Sociology.**—Tu. Th. S. 10:30, first half-year. PROFESSOR WATSON.

A seminar in social theory and social reform. Open to Seniors majoring in Sociology or graduate students whose major work is in Sociology and, by permission of the instructor, to a few others especially well qualified. Prerequisites, *Sociology 1a* and *2b*. Apply in advance.

SPANISH

A. Elementary Spanish.—M. W. F. 10:30. PROFESSOR MELCHIOR.

Grammar, composition, and reading.

[Offered in 1939–40; not to be offered in 1940–41.]

1. Spanish Literature.—M. W. F. 10:30. PROFESSOR MELCHIOR.

Reading in class of selected works by authors of the Golden Age and of the Nineteenth Century. Prerequisite, *Spanish A*.

[Not offered in 1939–40; to be offered in 1940–41.]

LIBRARY

The College Library contains about one hundred forty thousand volumes, besides numerous classified but uncatalogued pamphlets. All readers have free access to the shelves and are permitted to withdraw from the library any volume except those reserved for special reasons.

About six thousand dollars is expended yearly for the purchase of books and periodicals. The library receives from various sources many substantial gifts and bequests; it is also a government depository.

The collection of Quaker literature is probably the most complete in America. The William H. Jenks collection of Friends' tracts, mostly of the seventeenth century, numbers about fifteen hundred separately bound titles.

The Library possesses the fine Harris collection of over sixty Hebrew, Greek, Latin, Arabic, Syriac, and Ethiopic manuscripts collected by J. Rendel Harris; a collection of more than four hundred Babylonian clay tablets dating from 2500 B.C.; and seven hundred reproductions in fictile ivory of ancient and mediaeval carved ivories.

Over four hundred literary and scientific periodicals are taken, besides many annual reports, yearbooks, and the like.

The Library is open, with some exceptions, on week days from 8:30 A.M. to 10 P.M., and on Sundays from 1:30 to 10 P.M. While designed especially for the use of the officers and students, it affords to others the privilege of consulting and, under certain restrictions, of withdrawing books.

THE CHARLES ROBERTS AUTOGRAPH COLLECTION

This autograph collection, formed by the late Charles Roberts of Philadelphia, a graduate (1864) and for many years a manager of the College, was in 1902 presented to the College by his wife, Lucy B. Roberts. It consists of more than 15,000 items, embracing not only autograph letters of European and American authors, statesmen, scientists, ecclesiastics, monarchs, and others, but also several series of valuable papers on religious and political history. The general exhibit room, under the care of Miss Anna B. Hewitt, is open daily. Special papers from the vault may be inspected on application to Professor Drake.

LECTURESHIPS

HAVERFORD LIBRARY LECTURES

The income of \$10,000 received in 1894 from the estate of Mary Farnum Brown, is available by the terms of the gift "to provide for an annual course or series of lectures before the Senior Class of the College, and other students, on the Bible, its history and literature, and as way may open for it, upon its doctrine and its teaching."

THOMAS SHIPLEY LECTURES ON ENGLISH LITERATURE

The sum of \$5,000, presented in 1904 by Samuel R. Shipley, in memory of his father, Thomas Shipley, constitutes the Thomas Shipley Fund. The income of this fund is ordinarily to be used "for lectures on English literature."

THE MORRIS INFIRMARY

The Morris Infirmary, presented by John T. Morris, '67, has been in operation since the fall of 1912. It contains ten beds, a surgical room, an isolation ward for contagious diseases, and accommodations for a physician and a nurse. Every provision has been made for medical and surgical treatment of all cases among students during the college year. The danger of infection through illness in the college dormitories is thus minimized.

No charge is made for dispensary treatments, for the services of the college physician and the nurse, or for residence in the infirmary not exceeding one week in each case of illness. Any additional medical or surgical service, including special examinations which cannot be made in the infirmary, will be at the expense of the student. For residence in the infirmary beyond the limit of one week the charge is \$3 a day.

Dr. Herbert W. Taylor is the physician in charge, Miss Mabel S. Beard, the resident nurse.

CONSULTANTS IN PSYCHOLOGY AND PSYCHIATRY

Dr. Lauren H. Smith and his associates on the staff of The Institute of the Pennsylvania Hospital are available without charge as consultants in Psychology and Psychiatry for a limited number of students.

When a thorough study and examination are required, and treatment is necessary, financial arrangements are to be made with the parents and college physician or family physician.

ADMINISTRATION

GRADING OF STUDENTS

In determining the standing of the student, daily recitations, hour examinations, and final examinations are all considered. Reports, with numerical grades and averages, are issued semi-annually.

Grouped according to averages for the semester, the sections in each class are as follows:

Section	Freshmen	All others
A	90 to 100	90 to 100
B	80 to 90	80 to 90
C	65 to 80	70 to 80
D	50 to 65	60 to 70
	Failures	Failures
E	35 to 50	50 to 60
F	Below 35	Below 50

+ or - following the average for the semester indicates that it is above or below the student's average for the preceding semester.

Freshmen are required to obtain a general average for the year of at least 60 for promotion to the Sophomore class; Sophomores, 65 for promotion to the Junior class; Juniors, 70 for promotion to the Senior class; and Seniors, 70 for graduation.

DELINQUENT STUDENTS

A student who obtains grade E (35 to 50 for Freshmen, 50 to 60 for upper-classmen) as his half-year mark in any course is allowed a re-examination in September following the failure (on the Monday, Tuesday or Wednesday immediately preceding the opening of College). To Seniors who obtain the Grade E (except in the Major examination, see page 25) re-examinations will be given in June during Commencement week. Re-examinations (at a fee of \$5 per half-year course) are scheduled only upon written request received by the Registrar before September 10, upon which date copies of the re-examination schedule will be mailed to all applicants, and after which date additional subjects will be scheduled only upon advance payment of an additional fee of \$10. Late applicants (after September 10) for examinations already scheduled must make an additional advance payment of \$5 per subject before their acceptance as candidates for re-examination. A student who obtains grade F (below 35 for Freshmen, below 50 for others) as his half-year mark in any course is not permitted to take a re-examination in that course.

A student with F as his half-year grade, or with E as his half-year grade in any course after the re-examination privilege has lapsed, must repeat the course if it is a required course (repeated

courses take precedence in the case of conflict, and are recorded and averaged in the year of repetition), or may substitute some other course if the failure is an elective course. No course may be repeated more than once; failure to pass a repeated required course will consequently prevent a student from obtaining his degree.

A fee of \$15 per half-year is charged for all repeated or substituted courses and for any course dropped after two weeks.

A student who is repeating a course, or who is substituting one (unless he has an extra course to his credit), or who has conditions in excess of two half-courses, shall have his name appear in the student list of the current Catalogue marked with an (*) to indicate that he is not in full class standing.

A Sophomore who fails to attain promotion average (see page 58), and who has not more than two failures, may have the privilege of taking re-examinations in the two half-courses in which he has received the lowest grades, provided that these grades be better than F. A Senior or Junior who fails to attain promotion average (see page 58), and who has not more than one failure, may take a re-examination in the half-course in which he has received the lowest grade, provided that this grade be better than F.

Any student whose record is such as to justify the belief that he is not availing himself of the opportunities offered by Haverford College may be dropped. Usually a student who has more than two half-courses of failures against him at the opening of College in September will be dropped.

HONORS

Honors are awarded for excellence in the studies of single departments. They are never given merely for performance of routine work in courses, but a considerable amount of extra work is demanded in every case.

Honors are of three kinds: *Honorable Mention*, *Sophomore Honors*, and *Final Honors*.

Honorable Mention† will be awarded at the end of the Freshman or Sophomore years for work in a single course meeting at least two hours per week throughout the year, plus additional work to the total amount of not less than 75 hours. Candidates for *Honorable Mention* must obtain a minimum grade of 85 in the regular work of the course and pass creditably an examination on the addi-

† *Honorable mention* is awarded in Freshman English in connection with the work of the second half-year (English 2b).

tional work required. Two half-courses in the same department may be construed as a single course.

A Freshman who has received the prescribed grade in the regular work of a course required for Honorable Mention, but who has not done the additional work required in connection with such course, may, with the consent of the professor in charge, do so during the Sophomore year.

Sophomore Honors will be awarded at the end of the Sophomore year for work in not less than two full courses in a single department, plus additional work to the total amount of not less than 150 hours. Candidates for Sophomore Honors must obtain a grade of at least B in all courses required for such honors and a grade of A in such of these courses as are taken in the Sophomore year, and must pass creditably examinations on the additional work required.

Final Honors are graded as Honors, High Honors, or Highest Honors. They will be awarded upon graduation only to students whose work in a major field of concentration has been done with marked distinction and has been more profound or more extensive in its scope than the minimum required. The award of Honors is at the discretion of the major department, but the award of High or Highest Honors is to be made by vote of the Faculty upon recommendation of a department or group of related departments. In order to receive High or Highest Honors, the student will usually be given a public oral examination, and for Highest Honors, the verdict of an outside examiner may be obtained if deemed desirable. The various departments and divisions will adopt such specifications for Final Honors as they see fit.

At the time of the award of Honors there shall be added to the general average for the year of each student receiving Honors, one-half of one per cent for each award of Honorable Mention or Sophomore Honors. Honors, High Honors, and Highest Honors shall automatically add one, two, and three per cent respectively to the average for the Senior year of each student receiving such award.

DEGREES

BACHELOR OF ARTS AND BACHELOR OF SCIENCE

Students who have received credit for the full number of courses in prescribed and elective studies, provided they have for the Junior and Senior years respectively a general average, for the year, of 70 or above, and provided they have passed their Major examinations with a grade of 70 or above, are granted the degree

of Bachelor of Arts or Bachelor of Science. For the difference in the requirements for the two degrees, see page 23. The fee for the Bachelor's degree is \$15.

MASTER OF ARTS AND MASTER OF SCIENCE

Admission to Candidacy.—Graduates of Haverford College or an institution of equivalent standing, who present satisfactory evidence of character, seriousness of purpose, and scholarly attainments, may be admitted as candidates for the degree of Master of Arts or Master of Science.

Requirements.—A candidate who is well prepared for advanced study in his special field is required to pass four advanced courses (each with a grade of not less than 80) and to do satisfactory additional intensive work, equivalent at least to a full course, which may take the form of a thesis or other research. (In a full year course in which credit is not granted for the work of a single semester, the course grade is the average of the two semester grades; in other cases each semester's work is a separate course, for the purposes of this requirement.) At least two of the courses and the additional intensive work must be in the same field and the remaining courses in allied subjects. In addition, the candidate may, at the discretion of the professor in charge, be required to pass a comprehensive examination upon the field of his major subject. The scope of the examination will be determined by the professor in charge, and will be communicated to the candidate when he is admitted as a graduate student. The entire plan of study must be drawn up by the candidate in consultation with the professor under whom he proposes to do the major part of his work. This plan must be submitted for approval before October 1 to the Chairman of the Committee on Advanced Degrees. After approval by this Committee, the program must be filed with the Registrar.

A minimum of one year's residence is required, and a candidate, if well prepared, should be able to complete his work for the degree in this time. If his preparation is inadequate a longer period of residence may be necessary, but candidates for the Master's degree must complete the required work in not more than two academic years. Courses taken before the registration of the candidate as a graduate student at Haverford College will not usually be counted toward the degree.

Candidates who engage in any occupation or employment other than graduate study will not in general be able to satisfy the requirements for the degree in one year.

Charges.—The charges for a Graduate Student are: tuition, \$400; board, \$250; lodging, \$150. The fee for the Master's degree is \$20. Laboratory fees, supplies, breakage, and incidentals are extra.

Fellowships.—Eight graduate fellowships covering tuition, board, and lodging are available annually primarily for the graduates of other Friends' Colleges in the United States, with permission to study for the Master's Degree in any department of Haverford College which may be selected, provided the proposed schedule of study is approved by the Committee on Advanced Degrees. Any recipient of a graduate fellowship should have additional resources at least in the sum of \$200.

Applications should be accompanied by a certified list of the applicant's courses and grades as an undergraduate, three letters concerning the character, personality, financial condition and qualifications of the applicant, a copy of the catalogue of the institution in which the applicant was an undergraduate, and a small photograph. Applications and material should be in the hands of the President of Haverford College before March 1st to secure consideration for the following year.

Courses offered.—The following courses are open to graduate students: Astronomy 3*a*, 3*b*, and 4; Biblical Literature 3*a*, 3*b*, 4*b*, 5*b*, 6; Biology 3, 7, 10; Chemistry 4, 5*b*, 6, 7*a*, 7*b*, 8*a*, 9*b*, 10*a* and 10*b*; Economics 2*a*, 3*b*, 4*a*, 5*b*, 6*b*, 7*b*, 8*b*, 9*a*, 10*a*; Engineering 4*a*, 5*a*, 6*b*, 7*a*, 8, 10, 11; English 8*a*, 12, 13*a*, 14*b*, 17*b*, 18*a*, 21*a*, 22*b*; French 4, 5, 6; Geology 1; German 3, 4*a*, 5*a*, 5*b*, 6, 7*b*, 8*a*; Government 3*a*, 4*a*, 5*b*, 6*b*, 8*b*; Greek 2, 3, 4, 5, 6; History 2, 3, 4, 5; Italian 1; Latin 5, 10, 14, 15; Mathematics, 4*a*, 4*b*, 5*a*, 5*b*, 6*a*, 9*b*, 10*b* (Mathematics 3 and 8*a* open to students majoring in other departments); Philosophy 2*b*, 4, 5*b*, 6*b*, 7*a*, 7*b*, 8, 9*a*, 10*b*; Physics 3, 4*a*, 5*a*, 6*b*, 7*a*, 8*b*, 10; Sociology 2*b*, 3*b*, 4*a*, 5*b*, 6*a*; Spanish 1. Additional work may be required of graduate students in any of these courses. Certain other courses may be taken by graduate students as subsidiary to the major field of work, with the consent of the Committee on Advanced Degrees and the instructor in charge.

ROOMS

Entering Freshmen are assigned rooms in the order in which their application blanks for admission (see page 17) are received. It is, of course, not always possible to meet the desire of Freshmen for the cheapest rooms. Twelve of the \$725 rooms are regularly reserved for Freshmen. The College assumes that a new student

will accept any available room of approximately the same price as the room for which a preference is expressed. The choice of rooms by other students is governed by published rules.

A deposit of \$15 is required of all students, old and new, before a room is reserved. In case the student occupies the room, the amount will be deducted from his bill for the following year; otherwise it will be forfeited, unless the student be *excluded by the College* for failures or other sufficient reason, in which case the fee will be refunded upon request.

Students are expected to treat their own and College property with the same consideration as in their own homes. A student is held financially responsible for any damage to his room, and any damage wilfully done will be sufficient reason for requested withdrawal from the College.

The College does not hold itself responsible for the safe-keeping of private property left by the students in their rooms, or elsewhere on the campus.

EXPENSES

The combined charge for tuition (\$400), board (\$250), and room rent (\$75 to \$200, according to location), varies from \$725 to \$850 a year. This includes heat, electric light, attendance, and the use of necessary bedroom furniture, *i.e.*, a chiffonier and a bed, the linen for which is furnished and laundered by the College. Students will supply their own study furniture, blankets and towels. In general two students share one study and each has his private bedroom adjoining. A few single rooms are also available. The number of students accommodated in the several halls is as follows:

Merion Hall.....	17 at \$725 each
Merion Hall.....	10 at \$750 each
Merion Hall.....	14 at \$775 each
Founders Hall.....	14 at \$725 each
Founders Hall.....	8 at \$750 each
Founders Hall.....	6 at \$775 each
Founders Hall.....	2 at \$825 each
Barclay Hall.....	30 at \$725 each
Barclay Hall.....	3 at \$750 each
Barclay Hall.....	5 at \$775 each
Barclay Hall.....	24 at \$800 each
Barclay Hall.....	47 at \$815 each
Lloyd Hall.....	66 at \$815 each
Lloyd Hall.....	32 at \$850 each

The charge for tuition of day-students is \$400 a year; for tuition and mid-day meal, \$480 a year. A laboratory fee (average, \$5 to \$10 per half-year) and the cost of materials consumed and of apparatus broken are charged in each of the laboratories. The fee for dropping a course after two weeks is \$15. The fee for the Bachelor's degree is \$15. For Graduate Student fees, see page 62.

The Board of Managers requires that first half-year bills (rendered October 1) for three-fifths of the student's total cash indebtedness for the current year for room, board, and tuition must be paid *in full before* November 1. Second half-year bills (rendered February 1) must be paid *in full before* March 1. Failure to pay within the specified time automatically cancels the student's registration.

SCHOLARSHIPS

Scholarships are of two kinds, competitive, and those awarded upon merit and individual need. All scholarships are given for one year only.

No scholarship will be given to a student who has conditions.

No scholarship will be given to a student who is in debt to the college.

All preliminary correspondence and applications for undergraduate scholarships for 1940-1941, together with supporting letters from parents or guardians should be in the hands of the President before Tuesday, April the 2nd, 1940.

It is assumed that requests for scholarships will not be made by those whose expenses can be met by their parents or from other sources.

I. *Corporation Scholarships*.—Sixteen scholarships of the annual value of \$300 each, are awarded, without formal application, to the four students in each class who have the highest average scholarship. This is determined in the case of upper classmen by their general average for the year. In the case of the incoming Freshman Class the scholarships will be assigned immediately after the June examinations (see page 20) to those candidates entering by any plan of admission who are judged to be best prepared to do the work of the College.

II. *Isaiah V. Williamson Scholarships*.—Two scholarships of \$350 each. One will usually be awarded to a Senior and one to a Junior.

III. *Richard T. Jones Scholarship*.—One scholarship of the annual value of \$200.

IV. *Edward Yarnall Scholarship*.—One scholarship of the annual value of \$200.

V. *Thomas P. Cope Scholarship*.—One scholarship of the annual value of \$200.

VI. *Sarah Marshall Scholarship*.—One scholarship of the annual value of \$200.

VII. *Mary M. Johnson Scholarship*.—One scholarship of the annual value of \$200.

VIII. *Joseph E. Gillingham Scholarships*.—Four scholarships of the annual value of \$200 each "for meritorious students."

IX. *Isaac Thorne Johnson Scholarship*.—One scholarship of the annual value of \$225 available for a student of Wilmington College or a member of Wilmington (Ohio) Yearly Meeting of Friends.

X. *Jacob P. Jones Scholarships*, amount to \$1500 annually. Usually these will be awarded in sums of \$150 each, and in return for them certain academic duties may be required of the beneficiaries.

XI. *Jacob P. Jones Scholarships*.—Eight scholarships of the annual value of \$100 each.

XII. *Caspar Wistar Memorial Scholarship*.—A scholarship of \$250 is annually available, preferably for sons of parents engaged in Christian service, including secretaries of Young Men's Christian Associations, or students desiring to prepare for similar service in America or other countries.

XIII. *Louis Jaquette Palmer Memorial Scholarship*.—This Scholarship of \$250 is awarded on application, preferably to a member of the Freshman Class, who in the opinion of a committee representing the donors and the President of the College shall give evidence of possessing the qualities of leadership and constructive interest in student and community welfare which his friends observed in Louis Jaquette Palmer of the Class of 1894.

XIV. *J. Kennedy Moorhouse Memorial Scholarship*, \$300.—Special application should be made for this Scholarship, which is intended for the member of the Freshman Class who shall appear best fitted to uphold at Haverford the standard of character and conduct typified by the late J. Kennedy Moorhouse, of the Class of 1900—"a man modest, loyal, courageous, reverent without

sanctimony; a lover of hard play and honest work, a leader in clean and joyous living." Special application for this Scholarship should be made before April 15.

XV. *Paul W. Newhall Memorial Scholarship*.—One scholarship of the annual value of \$200.

XVI. *Robert Martin Zuckert Memorial Scholarship*.—One or more scholarships of the annual value of \$250, preference to be given to "a native of New York or Connecticut and who now resides in one of those states."

XVII. *Samuel E. Hilles Memorial Scholarship*.—One scholarship of the annual value of \$200.

XVIII. *Class of 1913 Scholarship*.—One scholarship of the annual value of about \$125. Preference is to be given to sons of members of the Class of 1913 who may apply and who meet the usual requirements of the College.

The scholarships named on this and the preceding pages are permanent foundations. In addition, the New York Alumni maintain a scholarship for competition in the New York metropolitan district. The New England Alumni maintain one Freshman scholarship of \$300 to be awarded annually to a New England boy from a New England school. Inquiry regarding these scholarships should be directed to the Secretary of the Alumni Association, Haverford College, Haverford, Pa.

FELLOWSHIPS

The Clementine Cope Fellowship, of the annual value of \$700, may be awarded by the Faculty to the best qualified applicant from the Senior Class. He is required to spend the succeeding year in study at some American or foreign university approved by the Faculty. Applications for the Clementine Cope Fellowship should be in the hands of the President of the College before March 1.

Teaching Fellowships.—With the remaining funds from the Clementine Cope Foundation there may be appointed one or more graduates of Haverford College as Teaching Fellows, with or without specific duties at Haverford College; or a second Cope Fellow may be appointed with a stipend of \$400 or \$500, as the income of the Fund may permit.

Graduate Fellowships.—For information regarding graduate fellowships, see page 62.

LOAN FUND

A loan fund has been established for deserving students other than members of the Freshman Class who may require financial assistance during their college course. Further information concerning this fund may be obtained from the President of the College.

EMPLOYMENT BUREAU

In connection with the Dean's office there is an Employment Bureau through which students may be put in touch with such remunerative employment as may be available.

PRIZES

All material submitted in competition for prizes should be deposited with the Registrar under assumed names, with a sealed envelope containing the writer's real name, *before May 1*.

All prizes awarded in books are marked with appropriate bookplates. As soon as possible after the award a list of standard books, from which selection is to be made, should be submitted for approval to the head of the department awarding the prize. Books selected from the approved list may then be ordered through the College Office or elsewhere. The College grants an average discount of ten per cent on prize books, and supplies the bookplates.

ALUMNI PRIZE FOR COMPOSITION AND ORATORY

The Alumni Association, in the year 1875, established an annual prize of \$50 in money for excellence in composition and oratory. This prize is now divided between the two members of the winning team in the Senior-Junior debate.

THE EVERETT SOCIETY MEDALS

To the members of the winning team in the annual Sophomore-Freshman extemporaneous debate, medals are given in memory of the Everett Society.

JOHN B. GARRETT PRIZES FOR SYSTEMATIC READING
IN LITERATURE

A first prize of \$50 and a second prize of \$25 will be given at the end of the Junior or Senior year to the two students who, besides creditably pursuing their regular course of study, shall have carried on the most profitable program of reading in a period or com-

prehensive topic in the field of literature (ancient, English or foreign) during at least two years of their college career.

The administration of these prizes is in the hands of the Committee on Prizes, with which the candidate shall register and which shall approve the subject chosen. The Committee will then recommend the candidate to the Department(s) to which he should apply for counsel and guidance. An oral examination will be arranged in the final year to determine the scope and quality of the reading.

The winners will be determined by the Committee after consultation with the Departments concerned. Either or both of these prizes may be omitted if, in the judgment of the Committee, the work does not justify an award.

THE CLASS OF 1896 PRIZES IN LATIN AND MATHEMATICS

These are two prizes worth \$10 each. They will be awarded in books at the end of the Sophomore year to the students who have done the best work for the two years in Latin and Mathematics, respectively.

THE LYMAN BEECHER HALL PRIZE IN CHEMISTRY

The Class of 1898 on the twenty-fifth anniversary of their graduation established a prize in honor of Lyman Beecher Hall, Professor of Chemistry at Haverford College from 1880 to 1917.

This prize amounts to \$100 and may be awarded to a student who has attained a high degree of proficiency in chemistry and who shows promise of contributing substantially to the advancement of the science. This prize may be awarded to a Junior, to a Senior, or to a graduate of Haverford College within three years after graduation. It may be awarded more than once to the same student, or may be withheld.

THE CLASS OF 1902 PRIZE IN LATIN

The Class of 1902 offers a prize of \$10 in books to the Freshman whose work in Latin, in recitation and examinations combined, shall be the most satisfactory to the professor in charge of the department.

THE DEPARTMENT PRIZES IN MATHEMATICS

A first prize of \$15 and a second prize of \$10 are awarded on the basis of a three hour examination on selected topics in Freshman Mathematics. The examination is held on the first Monday after the Spring Recess, and is open to Freshmen only.

THE ELLISTON P. MORRIS PRIZE

A prize of \$80, open to all undergraduates and to graduates of not more than three years' standing, is offered in alternate years for the best essay bearing on the general problem of "International Peace and the Means of Securing it." No prize will be awarded unless a high standard of merit is attained. Essays should be deposited with the Registrar before May 1. The judges shall be appointed by the President of the College. For the 1940-41 competition the following subjects are offered:

1. A Critical Examination of Recent Proposals for a Federation of Nations.
2. An International Program for the Practical Pacifist.
3. Modification of Existing Concepts of Nationalism that may be necessary for the Achievement of World Peace.

The presentation should be not merely a catalogue of events but also an interpretation and estimate of them. Each essay should contain references, in the form of footnotes and bibliography, to the authorities consulted.

Essays submitted by undergraduates for this prize may also be submitted for the Elizabeth P. Smith Prize.

THE ELIZABETH P. SMITH PRIZE

A prize of \$35 is offered annually to the undergraduate who presents the best essay on international peace. Essays submitted for the Elizabeth P. Smith Prize may also be submitted for the Elliston P. Morris Prize. Essays for this prize should be deposited with the Registrar before May 1. The judges shall be appointed by the President of the College.

PRIZES IN PHILOSOPHY AND BIBLICAL LITERATURE

A prize of \$40 in books is offered each year to the student who, in the judgment of the professor in charge, does the most satisfactory amount of outside reading in philosophy in connection with the courses in that department. A second prize of \$25 in books is also offered.

A prize of \$40 in books is offered each year to the student who, in the judgment of the professor in charge, does the most satisfactory amount of reading on the Bible and related subjects. A second prize of \$25 in books is also offered.

These prizes may be competed for during any year of the College course.

THE SCHOLARSHIP IMPROVEMENT PRIZES

A first prize of \$50 and a second prize of \$45 will be given at the end of the Senior year to the two students who, in the opinion of the judges appointed by the President of the College, show the most steady and marked improvement in scholarship during their college course.

THE CLASS OF 1910 POETRY PRIZES

Two prizes of \$15 and \$10 respectively are awarded for the best verse written by a Haverford undergraduate during the year. Typewritten manuscript, under an assumed name, should be deposited with the Registrar not later than May 1. The judges shall be appointed by the President of the College.

THE LOGAN PEARSALL SMITH PRIZE

An annual award of \$50 in books will be made to that member of the Senior Class who, in the opinion of the Committee on Prizes, has the best personal library. Consideration of the books collected will be entirely independent of their cost.

Candidates must register with the Committee on Prizes before March 1. The contest closes May 1. By that date every candidate shall have deposited with the Registrar a list of books and a brief essay explaining the purpose of his collection.

THE FOUNDERS CLUB PRIZE

A prize of \$25 is offered by the Founders Club to the Freshman who is judged to have shown the best attitude toward college activities and scholastic work.

THE S. P. LIPPINCOTT PRIZE IN HISTORY

A prize of \$100 is offered for competition in the Department of History under the following general provisions:

First—The prize may be withheld in any year, if the conditions listed below are not met by any of the competitors to the satisfaction of a majority of the judges.

Second—The prize shall not be awarded twice to the same student.

Third—Competition is open to Sophomores, Juniors, and Seniors who have taken or are taking work in the Department of History.

Conditions

In competition for this prize an essay shall be submitted of not less than 5,000 words, offered as evidence of scholarly ability in

the collection and presentation of historical material, treating a subject selected from a list announced by the Department of History before November 15. The essay should contain references in footnotes to the authorities consulted and a bibliography of works cited.

The essay shall be typewritten and deposited under an assumed name with the Registrar before May 1.

The judges shall consist of the President of the College and two historians to be selected by him

For the competition of 1939-40 the following subjects are submitted:

1. The Labor Movement in England from 1867 to 1906.
2. The Relations between Great Britain and Germany from the Conclusion of the Treaty of Versailles in 1919 to the Close of 1938.
3. Industry and Commerce in the English Colonies in America, 1715 to 1763.
4. The Pan-American Movement since 1881.

THE NEWTON PRIZE IN ENGLISH LITERATURE

The Newton Prize in English Literature (\$40) may be awarded annually on the basis of Final Honors in English, provided that the Department judges the work of the leading candidate merits such award.

THE WILLIAM ELLIS SCULL PRIZE

The William Ellis Scull Prize (\$50) will be awarded annually to the upper classman who shall have shown the "greatest achievement in voice and the articulation of the English language."

THE GEORGE PEIRCE PRIZE IN CHEMISTRY OR MATHEMATICS

In memory of Dr. George Peirce, 1903, a prize of \$25 is offered annually to a student of Chemistry or Mathematics "who has shown marked proficiency in either or both of these studies and who intends to follow a profession which calls for such preparation. Preference is to be given to a student who has elected organic chemistry, and failing such a student, to one who has elected Mathematics or some branch of Chemistry other than organic. Should there be two students of equal promise, the one who is proficient in Greek shall be given preference." The prize is offered, however, exclusively for students who expect to engage in research, and it will not be awarded unless the candidate has this expressed intention.

SOCIETIES AND CLUBS

Phi Beta Kappa Society, Zeta Chapter of Pennsylvania, chartered 1898.

Biology Club	Founders Club
Camera Club	German Club
Campus Club	Haverford Night School
Cap and Bells Club	International Relations Club
Chemistry Club	Liberal Club
Chess Club	Mathematics-Physics Club
Debating Council	Nautical Club
Engineering Club	Radio Club
Evangelical League	Varsity Club
Field Club	

PUBLICATIONS

The Haverford College Bulletin is issued by the College four times in each collegiate year. Included under this title are the Catalogue, College Reports, Athletic Annual, Alumni Quarterly, and other matter.

The Haverford News, a student publication, appears weekly during the College year. *The Haverfordian*, published by the College, appears twice a year.

DEGREES, PRIZES, AND HONORS GRANTED IN 1938-39

DEGREES

The following degrees were conferred on Commencement Day, June 10, 1939.

DOCTOR OF LAWS

WARNER FITE (A.B., Haverford College, 1889; Ph.D., University of Pennsylvania, 1894) Stuart Professor of Ethics, Emeritus, Princeton University.

MASTERS OF ARTS

BLANC-ROOS, RENE, (S.B., Haverford College, 1935)

Subject: French.

BROOMELL, JOHN P., JR., (A.B., Earlham College, 1938)

Thesis: An Analysis of the Relation of Religion and Ethics in the Philosophy of Nicolai Hartmann.

CORNETTE, JAMES CLARKE, JR., (A.B., Guilford College, 1938)

Thesis: The Literary Horizon of Adalbert Stifter.

HOSKINS, LEWIS MALONEY, (A.B., Pacific College, 1938)

Thesis: Colonial Relations of the Quakers and the Baptists.

JONES, THOMAS MARTIN, (A.B., Earlham College, 1938)

Thesis: Educational Policies in the Philadelphia Yearly Meeting of Friends in the Nineteenth Century.

PERISHO, CLARENCE ROBERT, (B.S., William Penn College, 1938)

Thesis: Co-precipitation of Barium Chromate with Barium Sulfate.

RICKS, JAMES HOGE, JR., (A.B., University of Richmond, 1937)

Subject: French.

SANDERS, EDWIN ALAN, (A.B., Earlham College, 1938)

Thesis: James Thomson and Nineteenth Century Pessimism.

STAFFORD, DAVID BENBOW, (A.B., Guilford College, 1938)

Thesis: A Critical Exposition of Henri Bergson's Contribution to Ethics.

WOOD, GILBERT CONGDON, (S.B., Haverford College, 1938)

Subject: Biology.

BACHELORS OF ARTS

ALPHEUS HOMER ALBERT, JR.

JEROME IRWIN ARON

JOHN LONGCOPE BIRKINBINE

GEORGE DEWOLFE BOWN

JAMES HALL BREADY

STANLEY KNIGHT COFFMAN, JR.

JOHN McELMOYLE FINLEY

JOHN CORNELL GROFF

ROBERT HERR

HARRY ANDERSON HEILMAN, JR.

HENRY HOWARD JONES

JOHN EDWARDS LEWIS

LEICESTER CROSBY LEWIS, JR.

DONALD SUMNER MERVINE

CHARLES FREDERICK MILLER, II

CHARLES EWING RANKIN

ALAN ROBERTS

CRAIG McCOLL SHARPE

THOMAS BOWLES STEIGER

GILBERT PARRY TALBOT

JOHN MUNROE TINNON

WILLIAM HAYES GRIER WARNER

THOMAS ARTHUR WATKINS

MAURICE ANDERSON WEBSTER, JR.

THEODORE ALLAN WERTIME

DANIEL NORTON WILLIAMS

JOHN FRENCH WILSON, JR.

SAMUEL CLAYTON WITHERS, JR.

As of 1938

ANTHONY CAMPBELL POOLE

HAVERFORD COLLEGE

BACHELORS OF SCIENCE

ROBERT BIRD ACKERMAN
 ROBERT LEVI BALDERSTON
 WILLIAM SOUDER BONHAM
 FRANCIS GODLEY BROWN
 ROBERT IRVIN BURNSIDE
 CHARLES STONE BUSHNELL, JR.
 STANLEY C. CLADER
 HENRY HOUPTE DERR, III
 JOHN WESLEY DOWNING, JR.
 JONATHAN EVANS
 NATHANIEL HATHAWAY EVANS
 WILLIAM ELKINTON EVANS
 JAMES PIERCE FENHAGEN
 JOHN ALBERT FLICK
 JOHN DALLAS HALLAHAN
 JOHN ALBERT HOYER
 ROBERT LODINGTON JACKSON
 JOHN JOSEPH JAQUETTE
 DOUGLAS MELDAL LARSON
 RICHARD HORACE LILLIE
 WILLIAM WALKER McCUNE

FRANK KENNEDY MEARS, JR.
 HAROLD HOLLINGSWORTH MORRIS, JR.
 ALEXANDER WILLETT MOSELEY, JR.
 DONALD H. MUNRO
 LOUIS HENRY PALMER JR.
 HEWES WILSON PHILLIPS
 OSCAR NAYLOR RAMBO, JR.
 WILLIAM HOBSON REAVES, JR.
 FRANCIS PETER ROHRMAYER
 SEYMOUR SYLVESTER ROSEN
 DANIEL GLEDDEEN SANTER
 WINSLOW DRUMMOND SHAW
 THEODORE DAVID SHIHADDEH, JR.
 LAIRD HARDCASTLE SIMONS, JR.
 JOHN MARSHALL SYKES
 STEPHEN HOFF THIERMANN
 HOWARD PITNER THOMAS, JR.
 JOHN PATRICK TRENCH
 ROBERT MANSON WHITE
 ROBERT OLIVER WHITSON
 JOSEPH COLEMAN WINGERD

RUSSELL RAYMOND YOST

As of 1900

FURMAN SHEPPARD HOWSON

CLEMENTINE COPE FELLOWSHIP FOR 1939-40

SEYMOUR SYLVESTER ROSEN, 1939

CORPORATION SCHOLARSHIPS FOR 1939-40

Class of 1940

JOHN EDWARD GROSS
 ROBERT JOSEPH HUNN

SAMUEL FREDERICK JOHNSON
 JOHN WILLIAM WIEDER, JR.

Class of 1941

EDWARD LOUIS ENGELHARDT
 HUNT DAVIS

ROBERT BRUCE DICKSON
 FRANCIS ERDMAN ADLER

Class of 1942

LEWIS PAUL SAXER
 JAMES NEAL ADDOMS

LINWOOD THEODORE LAWRENCE, JR.
 PAUL RADELL O'CONNOR

Class of 1943

EUGENE E. ANDERSON, JR.
 STUART L. RIDGWAY

HOLLAND HUNTER
 MARVIN L. BROWN, JR.

PRIZES

*The Alumni Oratorical Prizes (\$25 each) for
Seniors and Juniors have been awarded to*

JEROME IRWIN ARON, 1939

CHARLES EWING RANKIN, 1939

*The Everett Society Medal for Extemporaneous Speaking
by Sophomores and Freshmen has been awarded to*

BICKLEY BURNS BRODHEAD, 1942

*Everett Society Trophies for Extemporaneous Speaking by Sophomores
and Freshmen have been awarded to the members
of the winning team*

EDGAR DAWSON BELL, JR., 1942

BICKLEY BURNS BRODHEAD, 1942

GEORGE MCCALL COURTS OULAHAN, 1942

*The Class of 1896 Prizes (\$20 in books) in Latin and in Mathematics
for Sophomores have been awarded as follows:*

Latin (\$10)—JOHN CHADWICK HAWLEY, 1941

Mathematics (\$10)—ROBERT BRUCE DICKSON, 1941

*The Lyman Beecher Hall Prize in Chemistry
(\$100 from Endowment by the Class of 1898)*

*for Juniors, Seniors or Graduates within three years of graduation
who expect to engage in research has been awarded to*

JOHN ALBERT FLICK, 1939

*The Class of 1902 Prize in Latin (\$10 in books) for Freshmen
has been awarded to*

WARREN DEWITT ANDERSON, 1942

*The Mathematics Department Prizes (\$25 for Freshmen) awarded in
competition by examination, have been awarded to*

First Prize (\$15)—JAMES NEAL ADDOMS, 1942

Second Prize (\$10)—PAUL RADELL O'CONNOR, 1942

*The Elizabeth P. Smith Prize (\$35)
for the best essay on International Peace
has been awarded to*

PHILIP LOCKWOOD MINOR, 1942

*The Scholarship Improvement Prizes (\$95) for the two Seniors who have
shown the most steady and marked improvement in scholarship
during the college course have been awarded as follows:*

First Prize (\$50)—JOHN MARSHALL SYKES, 1939

Second Prize (\$45)—HEWES WILSON PHILLIPS, 1939

*The Founders Club Prize (\$25 in books) for the Freshman who has
shown the best attitude toward college activities and scholastic work
has been awarded to*

ROBERT EVERTS MILLER, JR., 1942

*The George Peirce Memorial Prize in Chemistry or Mathematics (\$25)
offered exclusively for students who expect to engage in research
has been awarded to*

HOWARD PITNER THOMAS, JR., 1939

*The Logan Pearsall Smith Prize (\$50 in books)
for that member of the Senior Class who, in the opinion of the
Committee on Prizes, has the best personal library
has been awarded to*

MAURICE ANDERSON WEBSTER, JR., 1939

*The William Ellis Scull Prize (\$50) awarded annually to the upper
classman showing the greatest achievement in voice and the
articulation of the English Language, has been awarded to*

LEICESTER CROSBY LEWIS, JR., 1939

*The Elliston P. Morris Prize
A prize of \$80 in books open to undergraduates and to graduates of not
more than three years' standing for the best essay bearing on
the general problem of "International Peace and the Means
of Securing It."*

BEN THOMSON COWLES, 1936

The S. P. Lippincott Prize in History (\$100) has been awarded to

JAMES ALEXANDER VINCENT, 1940

The Varsity Cup

Awarded annually for Leadership, Sportsmanship and Athletic Ability, to

ROBERT LODINGTON JACKSON, 1939

HENRY HOUP T DERR, III, 1939

HONOR SOCIETIES

The following members of the Class of 1939 have been elected to the
Phi Beta Kappa Society

At the end of the Junior Year

SEYMOUR SYLVESTER ROSEN

JAMES HALL BREADY

At the end of the Senior Year

CHARLES EWING RANKIN

WILLIAM ELKINTON EVANS

STANLEY KNIGHT COFFMAN, JR.

DANIEL NORTON WILLIAMS

FRANK KENNEDY MEARS, JR.

ROBERT HERR

JOHN MUNROE TINNON

HOWARD PITNER THOMAS, JR.

JEROME IRWIN ARON

JOHN JOSEPH JAQUETTE

The following member of the Junior Class has been elected to the
Phi Beta Kappa Society

ROBERT JOSEPH HUNN

The following Seniors have been elected to the Founders Club, an organization
based on merit in both studies and college activities:

During the Junior Year

JOHN MUNROE TINNON

JOHN JOSEPH JAQUETTE

JAMES HALL BREADY

STEPHEN HOFF THIEMANN

HARRY HOUP T DERR, III

DANIEL NORTON WILLIAMS

MAURICE ANDERSON WEBSTER, JR.

During the Senior Year

NATHANIEL HATHAWAY EVANS

THEODORE DAVID SHIHADDEH, JR.

CHARLES EWING RANKIN

ALEXANDER WILLETT MOSELEY, JR.

The following Juniors have been elected to the Founders Club:

ROBERT WILSON MCCONNELL, JR.

ROBERT JOSEPH HUNN

JOHN WILLIAM WIEDER, JR.

HONORS

FINAL HONORS

Including Honors, High Honors, and Highest Honors awarded upon graduation, and by vote of the Faculty on recommendation of a department or group of related departments. Awarded only to students whose work has been more profound in a given field, or more extensive in scope, than the minimum required, and who have fulfilled all the requirements for Final Honors in their respective Major Departments.

Highest Honors

JOHN ALBERT FLICK.....	Chemistry
CHARLES EWING RANKIN.....	Economics

High Honors

JEROME IRWIN ARON.....	Government
JAMES HALL BREADY.....	History
STANLEY KNIGHT COFFMAN, JR.....	English
FRANK KENNEDY MEARS, JR.....	Chemistry
ALAN ROBERTS.....	French
HOWARD PITNER THOMAS, JR.....	Chemistry
RUSSELL RAYMOND YOST.....	Physics

Honors

JONATHAN EVANS.....	Chemistry
WILLIAM ELKINTON EVANS.....	Chemistry
ROBERT HERR.....	Physics
SEYMOUR SYLVESTER ROSEN.....	Chemistry
JOHN MARSHALL SYKES.....	Chemistry
JOHN MUNROE TINNON.....	Engineering

Sophomore Honors in Departments

Representing a minimum of 150 hours of Honors work in addition to that required for two or more scheduled courses of the Department, plus grades of 90, or better, for the present year in the Department indicated.

ARTHUR GARWOOD ASHBROOK, JR.....	Mathematics
HUNT DAVIS.....	Mathematics
EDWARD LOUIS ENGELHARDT.....	Mathematics and Chemistry

Honorable Mention in Single Courses in the Freshman or Sophomore Year

Representing a minimum of 75 hours of Honors work in addition to that required for the course named, plus a grade of 85 or better, in the same course.

JAMES NEAL ADDOMS, 1942.....	Chemistry 1; Mathematics 2
GEORGE LEWIS ALDRIDGE, 1942.....	Mathematics 1
WARREN DEWITT ANDERSON, 1942.....	Greek 1; Latin 3
DAVID BARRETT ARNOLD, 1941.....	French 3
ARTHUR GARWOOD ASHBROOK, JR., 1941.....	Economics 1
JOHN ARTHUR BUTTRICK, JR., 1941.....	Economics 1
JOHN AVERY CRAWFORD, 1942.....	Mathematics 2
HUNT DAVIS, 1941.....	Chemistry 2
ROBERT COOK FOLWELL, III, 1941.....	Biology 1
KENNETH JOSEPH FOREMAN, JR., 1942.....	Engineering 1
DAVID SHARPLESS FOX, 1942.....	Mathematics 2
WOLFGANG FRANZEN, 1942.....	Chemistry 2; Mathematics 2
GOVE HAMBIDGE, JR., 1942.....	English 2b; Chemistry 2
PAUL FRANKLIN HARRISON, 1941.....	Government 1

ROBERT EMANUEL HECHT, JR., 1941	Latin 2
ANDREW FRANKLIN INGLIS, 1941	Physics 2
HENRY WEBB JOHNSTONE, JR., 1942	Chemistry 2
LINWOOD THEODORE LAWRENCE, JR., 1942	Chemistry 1; English 2b
RICHARD KAY, 1942	French 1
PHILIP EMIL MOULTON MAYER, 1942	German 1
SAMUEL COLIN MCCULLOCH, 1942	Greek A
MALCOLM HOBART MCGANN, JR., 1942	History 1
PHILIP LOCKWOOD MINOR, 1942	Latin 2
PAUL RADELL O'CONNOR, 1942	Mathematics 2
THOR N. RHODIN, JR., 1942	Chemistry 2; Engineering 1; Mathematics 2
LEON SOLIS-COHEN, JR., 1941	Government 1
EUGENE POOLE SZERLIP, 1942	German 1
WILLIAM ELKANAH VELTE, 1941	Italian A; French 2
ROY SCHOPPAUL VOGT, 1941	Economics 1

STUDENTS IN THE COLLEGE

In the last column is given the number of the student's dormitory room: Bn is an abbreviation for Barclay Hall, North; Bc, for Barclay Hall, Centre; Bs, for Barclay Hall, South; F, for Founders Hall; G, for Graduate House; L, for Lloyd Hall; M, for Merion Hall; D, for day student. An (*) is placed before the name of a student who has failed to remove a condition after the September opportunity. The field of major concentration is indicated in parentheses.

GRADUATE STUDENTS

Name	Home Address	College Address
BRICKER, CLARK EUGENE.....	(Chemistry) (A.B., Gettysburg College, 1939) Shrewsbury, Pa.	G
BUYERS, ROBERT ARMOUR.....	(Chemistry) (A.B., Hampden-Sydney College, 1939) Christiana, Pa.	D
CHARLES, JOHN FORREST.....	(History) (A.B., University of Michigan, 1939) 2510 College Street, Cedar Falls, Iowa	G
CLARKSON, GEORGE EDWARD.....	(Philosophy) (A.B., Drew University, 1939) 67 E. Genesee Street, Skaneateles, N. Y. (Living at Pendle Hill, 1939-40)	
COLKET, MEREDITH BRIGHT, JR.....	(History) (A.B., Haverford College, 1935) 15 N. Wyoming Avenue, Ardmore, Pa.	G
CROSBY, KENNETH WARD.....	(History) (B.S., Wilmington College, 1939) Killbuck, Ohio	G
DIAMOND, STANLEY STUART.....	(Government) (A.B., University of Wichita, 1939) 3217 Oakland, Wichita, Kans.	G
HAWLEY, ROGER S.....	(Chemistry) (B.S., Earlham College, 1938) Boston, Indiana	G
JAENICKE, JOHANNES CHRISTOF JOACHIM.....	(History) (University of Geneva, 1938) 52 rue des Paquis, Geneva, Switzerland	G
KRON, SAMUEL D.....	(Chemistry) (B.A., University of Pennsylvania, 1939) 300 E. Roosevelt Blvd., Philadelphia, Pa.	D
LILJENSTEIN, CECIL C.....	(Physics) (B.S., Middlebury College, 1938) 3 Crocker Street, New London, Conn.	F
MESNER, DELBERT CHARLES.....	(Economics) (A.B., Nebraska Central College, 1939) Central City, Nebr.	G
MUNRO, DONALD H.....	(English) (S.B., Haverford College, 1939) 526 Kerper Street, Philadelphia, Pa.	G
PETTIBONE, EARL WINTON, JR.....	(Economics) (A.B., University of Washington, 1939) Veradale, Spokane Co., Washington	G
WATSON, CURTIS B.....	(English) (A.B., Brown University, 1938) 773 College Avenue, Haverford, Pa.	D

SENIOR CLASS—1940

Name	Home Address	College Address
ALLEN, ERNEST GRIFFIN.....	(Greek)	D
3345 Woodland Avenue, Philadelphia, Pa.		
ALLEN, GEORGE RANKIN.....	(Latin)	D
3345 Woodland Avenue, Philadelphia, Pa.		
ATKINSON, HORACE CONRAD.....	(French)	11 F
Wrightstown, Bucks County, Pa.		
BALIVET, HENRI PHILLIP, JR.....	(English)	37 L
384 N. Fullerton Avenue, Montclair, N. J.		
*BAUM, CHESTER EARLE, JR.....	(English)	14 M
Delaware City, Delaware		
BEELEER, RICHARD WILLIAM.....	(Astronomy)	120 M
34 Harvard Road, Brookline, Pa.		
BEERS, STEWART LORING.....	(English)	3 F
123 Union St., Bridgewater, Mass.		
BROWN, ARTHUR ELLIS.....	(Chemistry)	9 F
226 Dickinson Avenue, Swarthmore, Pa.		
CH'EN, FRANCIS J.....	(Economics)	10 Bs
35 Nathan Road, Koroloon, Hongkong, China		
COURSIN, DAVID BAIRD.....	(Chemistry)	68 Bn
1608 Lawndale Avenue, McKeesport, Pa.		
DARNELL, EMERSON LIPPINCOTT.....	(Government)	37 L
40 N. Main Street, Medford, N. J.		
DAWSON, EDWIN SCOTT.....	(Engineering)	72 Bn
2357 Ashmead Place, Washington, D. C.		
DEWEES, ROBERT LOVETT.....	(Chemistry)	12 L
Sweetwater Farm, Glen Mills, Pa.		
DUNCAN, JOHN ALLEN.....	(Government)	19 Bs
4 Mentelle Park, Lexington, Ky.		
DYE, STANLEY MARVIN.....	(Government)	16 L
320 Berkeley Street, Rochester, N. Y.		
FISHER, CHARLES WORLEY.....	(English)	23 F
26 Llandillo Road, Llanerch, Pa.		
FLACCUS, DAVID PERRY.....	(Government)	120 M
109 Bryn Mawr Avenue, Lansdowne, Pa.		
FLEISCHMAN, STEPHEN WILLIAM.....	(English)	30 L
3 Highland Court, Far Rockaway, L. I., N. Y.		
GOEPP, ROBERT HAMILTON.....	(History)	28 L
4047 Pine Street, Philadelphia, Pa.		
GOODYEAR, HARRY JOHN, JR.....	(Economics)	5 F
150 Pitman Avenue, Pitman, N. J.		
GROSS, JOHN EDWARD.....	(Economics)	22 Bs
Fort Belvoir, Va.		
HALSEY, WILLIAM DARRACH, JR.....	(English)	30 L
44 Westland Avenue, West Hartford, Conn.		
HENDERSON, HANFORD MEAD, JR.....	(French)	116 M
82 Washington Place, New York, N. Y.		
HERING, ALEXANDER CHANDLEE.....	(English)	12 L
Hillbrook, Lawrence Farms South, Mount Kisco, N. Y.		
HOFFMAN, JOHN JOSEPH.....	(Economics)	43 Bc
218 Sinclair Place, Westfield, N. J.		
HOYT, HAMILTON TAYLOR.....	(Government)	35 L
2428 E. Linwood Avenue, Milwaukee, Wis.		
HUNN, ROBERT JOSEPH.....	(Mathematics)	16 F
5034 41st St., N. W., Washington, D. C.		
JANNEY, LEWIS LAMAR.....	(Philosophy)	68 Bn
Hollins College, Virginia		
JOHNSON, SAMUEL FREDERICK.....	(English)	D
508 Brookline Boulevard, Brookline, Upper Darby, Pa.		
*KOHN, EDWARD IRVING.....	(Government)	35 L
3415 Clarks Lane, Baltimore, Md.		

Name	Home Address	College Address
LEWIS, FIELD ALLEN.....	(Government) Holiday Hill, R. D. 2, Newtown, Bucks Co., Pa.	120 M
LINDLEY, JOHN MARSHALL, JR.....	(Economics) 52 Garden Road, Wellesley Hills, Mass.	16 L
MAGILL, ARTHUR ANDREWS.....	(Physics) 117 Carpenter Lane, Mt. Airy, Philadelphia, Pa.	24 L
MASON, ELLIOTT.....	(Chemistry) 640 Rahway Road, Westfield, N. J.	14 F
MASON, HAYDEN.....	(French) 640 Rahway Road, Westfield, N. J.	20 F
MCCONNELL, ROBERT WILSON, JR.....	(Government) 1221 Wakeling Street, Frankford, Philadelphia, Pa.	15 L
MCDEVIT, WILLIAM FERRIS.....	(Chemistry) 185 Forest Avenue, Tompkinsville, N. Y.	23 Bs
MECHLING, JAMES ELLIOTT.....	(Economics) Riverton Road, Moorestown, N. J.	38 L
NOVA, FRITZ.....	(Government) 2 Via Caunillo Hajeck, Milan, Italy	22 F
PETERS, CHARLES K., JR.....	(History) 134 S. Lansdowne Avenue, Lansdowne, Pa.	15 L
POOLE, RICHARD ARMSTRONG.....	(Government) 12 Hobart Avenue, Summit, N. J.	15 L
PRESCOTT, KENNETH ADAMS.....	(Philosophy) 32 School Street, Sanford, Maine	120 M
RAIRDON, CHARLES THOMAS.....	(Chemistry) 3772 Beechway Boulevard, Toledo, Ohio	12 L
REICHEL, ANDRE WLADIMIR.....	(Engineering) 12 Michigan Road, Bellerose, L. I., N. Y.	18 L
SCHAEFFER, ROBERT L., JR.....	(Biology) 32 N. 8th Street, Allentown, Pa.	22 Bs
SHARKEY, JOHN TIERNAN.....	(Economics) 230 South 21st Street, Philadelphia, Pa.	1 F
SIMPSON, JOHN CHRISTOPHER, JR.....	(English) 920 Swede Street, Norristown, Pa.	14 M
STEEL, MAXWELL WENSEL, JR.....	(Biology) 226 Penn Street, Huntingdon, Pa.	15 F
SWIFT, CHARLES JAMES.....	(Physics) 1111 Bancroft Parkway, Wilmington, Del.	17 F
TAFT, THOMAS MELVILLE.....	(Government) Cornwall-on-Hudson, New York	16 L
VINCENT, JAMES ALEXANDER.....	(History) 1 Glover Street, Barton, Vt.	13 M
WIEDER, JOHN WILLIAM, JR.....	(Mathematics) 19 Guernsey Avenue, Abington, Pa.	43 Bc
WILLIAMS, ROBERT THOMAS.....	(French) Germantown Pike, Plymouth Meeting, Pa.	D
*WILSON, DAVID RYDER.....	(English) 212 E. 48th Street, New York, N. Y.	38 L
WOLFINGER, CHARLES HOBSON.....	(Economics) Curren Terrace, Norristown, Pa.	36 L
WOOD, JAMES WILLIAM, JR.....	(French) 803 E. 20th Street, Chester, Pa.	28 L

JUNIOR CLASS—1941

ADLER, FRANCIS ERDMAN.....	(English)	D
ALLINSON, EDWARD PAGE, JR.....	(Economics)	26 L
*ANDRUS, STEPHEN BOURNE.....	(Chemistry)	32 L

Huron Lane, Chestnut Hill, Philadelphia, Pa.
Town's End Farm, West Chester, Pa.
1903 Girard Avenue, South, Minneapolis, Minn.

Name	Home Address	College Address
ARNOLD, DAVID BARRETT.....	(French)	24 Bs
128 Bard Avenue, West Brighton, S. I., N. Y.		
ARTHUR, ROBERT PALMER.....	(German)	D
637 Walnut Street, McKeesport, Pa.		
ASHBROOK, ARTHUR GARWOOD, JR.....	(Economics)	37 Bc
88 Admiral Dewey Avenue, Ingram, Crafton P. O., Pa.		
BLACKWELL, HAROLD RICHARD.....	(English)	17 Bs
108 Pinehurst Avenue, Salisbury, Md.		
BLUM, HOWARD LOURIA.....	(Chemistry)	25 L
885 Park Avenue, New York, N. Y.		
BOLSTER, RICHARD HAWKS, II.....	(Biology)	D
Littlebrook Road, Berwyn, Pa.		
BOTELHO, EUGENE EVANS.....	(Biblical Literature)	D
19 Louella Court, Wayne, Pa.		
BOYER, DANIEL B., JR.....	(Government)	29 Bc
Boyertown, Pennsylvania		
BRANSON, ALBERT DELANO.....	(Economics)	37 Bc
167 Owen Avenue, Lansdowne, Pa.		
BUTTRICK, JOHN ARTHUR.....	(Economics)	31 L
960 Park Avenue, New York, N. Y.		
CHAMBERS, TORRENCE HARRISON.....	(Engineering)	D
116 Ardmore Avenue, Ardmore, Pa.		
*CHAPPELL, SAMUEL M.....	(German)	5 Bs
New London, Conn.		
*CHESTNUT, DAVID THOMAS.....	(French)	D
659 Rector Street, Roxborough, Philadelphia, Pa.		
CLARK, JOHN BURT.....	(Chemistry)	29 L
4638 S. Fremont Avenue, Minneapolis, Minn.		
CLEMENT, HERBERT LEE.....	(Sociology)	D
506 Essex Avenue, Narberth, Pa.		
CORNMAN, HENRY DENNIS.....	(Chemistry)	D
Conshohocken State Rd. and Greaves Lane, Gladwyne, Pa.		
DAVIS, HUNT.....	(Engineering)	39 Bc
1412 Twentieth Street, Rock Island, Ill.		
DICKSON, ROBERT BRUCE.....	(Mathematics)	D
908 Andrews Avenue, Collingdale, Pa.		
DORSEY, JOHN WORTHINGTON.....	(Engineering)	31 Bc
36 Huffman Avenue, Washington, Pa.		
ENGELHARDT, EDWARD LOUIS.....	(Chemistry)	D
100 Maple Avenue, Narberth, Pa.		
EVANS, CHRISTOPHER.....	(Biology)	24 L
Awbury, Germantown, Philadelphia, Pa.		
EVANS, ROBERT WHITESIDE, JR.....	(Government)	21 Bs
239 Walnut Street, Pottstown, Pa.		
EVERT, ROBERT NASH.....	(Chemistry)	38 Bc
Northern Pacific Hospital, Glendive, Mont.		
EWING, GERRITT LOOS.....	(English)	27 L
Fair Haven Road, Fair Haven, N. J.		
FINGER, LOUIS JUDAH.....	(Economics)	40 Bc
2305 Harrison Street, Wilmington, Del.		
*FOLWELL, ROBERT COOK, 3d.....	(Biology)	2 M
Mullica Hill, New Jersey		
GARMEY, JOHN DAVID.....	(English)	31 Bc
7614 Colonial Road, Brooklyn, N. Y.		
GIFFORD, PHILIP COLLINS, JR.....	(Sociology)	12 F
468 Hope Street, Providence, R. I.		
GROSHOLZ, EDWIN DEHAVEN.....	(Government)	D
112 Schoolhouse Lane, Ardmore, Pa.		
HAWLEY, JOHN CHADWICK.....	(French)	5 Bs
American Consular Service, Oporto, Portugal		
HECHT, ROBERT EMANUEL, JR.....	(Latin)	3 L
3505 Calvert Street, Baltimore, Md.		

Name	Home Address	College Address
HEMPHILL, GEOFFREY.....	(Biology)	32 Bc
243 N. Mountain Avenue, Upper Montclair, N. J.		
HIBBARD, JOHN BARR.....	(Philosophy)	44 Bc
1816 Chicago Avenue, Evanston, Ill.		
HICKS, GORDON DEPENCIER.....	(Sociology)	23 L
160 Highland Avenue, Middletown, N. Y.		
HOLMES, HENRY KELMAN.....	(Philosophy)	4 F
3430 81st Street, Jackson Heights, N. Y.		
INGLIS, ANDREW FRANKLIN.....	(Physics)	39 Bc
Pellston, Michigan		
KENT, ROGER BETTS.....	(German)	26 L
1904 Lauderdale Road, Louisville, Kentucky		
KING, BENTON DAVIS.....	(Chemistry)	33 L
357 Sylvan Street, Rutherford, N. J.		
LIDDELL, WILLIAM ANDREW, JR.....	(History)	3 L
4628 23rd Road, Arlington, Va.		
LITTLE, THOMAS.....	(English)	32 Bc
Ashburnham, Mass.		
LONG, JAN WINSTON.....	(Biology)	6 F
433 W. 21st Street, New York, N. Y.		
LONGLEY, JAMES BAIRD.....	(Biology)	1 M
150 W. Lanvale Street, Baltimore, Md.		
LOWE, DONALD BLAIR, JR.....	(Engineering)	34 L
1156 W. Exchange, Akron, Ohio		
MCNEILL, JOHN REID.....	(Chemistry)	23 L
239 W. 8th Street, Erie, Pa.		
MILLER, WILLIAM KELLER.....	(Economics)	31 L
2033 Willemore Avenue, Springfield, Ill.		
MORIAN, TUCKER FRAZER.....	(Economics)	30 F
506 Anthwyn Road, Merion, Pa.		
MOSELEY, MERRITT WAYNE.....	(Economics)	29 L
333 North Princeton Avenue, Swarthmore, Pa.		
MOSSE, GEORGE L.....	(English)	10 F
645 West End Avenue, New York, N. Y.		
MURPHY, SAMUEL MILLARD, JR.....	(Chemistry)	38 Bc
29 Bellair Driveway, Dobbs Ferry, N. Y.		
NAPIER, ARTHUR HOWELL, JR.....	(Sociology)	27 L
503 E. Willow Grove Avenue, Chestnut Hill, Philadelphia, Pa.		
*NEAL, J. PHILIP.....	(Biology)	13 F
106 N. 34th Street, Philadelphia, Pa.		
NEWHALL, WILLIAM FREEMAN.....	(Chemistry)	D
36 Tenmore Road, Haverford, Pa.		
NICHOLS, CLYDE KINGSLEY, JR.....	(History)	D
County Street, Rehoboth, Mass.		
PILE, WILSON HUNT.....	(Engineering)	25 L
622 S. 42nd Street, Philadelphia, Pa.		
ROWLAND, PAUL CHARLES.....	(Economics)	36 L
Columbia, Conn.		
*SCHEFFER, EDWARD RHEINHARD.....	(Chemistry)	21 Bs
2508 E. Stratford Court, Milwaukee, Wis.		
SHOEMAKER, DAVID WILSON.....	(Economics)	25 Bc
510 Riverview Road, Swarthmore, Pa.		
SIMMONS, WILFRID LEE.....	(History)	25 Bc
Box 10, Hebron, N. H.		
SMITH, HENRY AUGUSTINE, JR.....	(History)	23 Bs
26 Rockledge Road, Newton Highlands, Mass.		
SMITH, MALCOLM KINMONTH, JR.....	(Sociology)	12 M
22 Madison Avenue, Morristown, N. J.		
SMITH, ROBERT HENRY.....	(Economics)	32 L
14901 Lake Avenue, Lakewood, Ohio		
SNIPES, SAMUEL MOON.....	(Economics)	30 F
Lincoln Highway, Morrisville, Pa.		

Name	Home Address	College Address
SOLIS-COHEN, LEON, JR.....	(Government) 906 69th Avenue, Philadelphia, Pa.	70 Bn
STANTON, WILLIAM WHITFIELD.....	(Government) 2946 Berkley Road, Ardmore, Pa.	D
STROHL, G. RALPH, JR.....	(Mathematics) 24 E. Clearfield Road, Oakmont, Upper Darby, Pa.	D
STUART, HARRY HARLAN.....	(Engineering) 161 N. June Street, Los Angeles, Calif.	38 Bc
SWAN, GEORGE MYRON, JR.....	(Philosophy) 1325 Inverness Street, Pittsburgh, Pa.	12 Bs
SWIGERT, JOHN BRUCE.....	(Economics) 418 Birdwood Avenue, Haddonfield, N. J.	D
VELTE, WILLIAM ELKANAH.....	(German) 340 W. 7th Street, Chester, Pa. (Studying in Switzerland during 1939-1940)	
VOGT, ROY SCHOPPAUL.....	(Economics) 90 Prospect Hill Avenue, Summit, N. J.	24 Bs
WAGNER, LANSING PRAY.....	(Biology) 108 Holden Green, Cambridge, Mass.	19 F
WATSON, WILLIAM ROBERTSON, JR.....	(Economics) Avon Road, Bryn Mawr, Pa.	44 Bc
WEBB, JOHN LONGANECKER, JR.....	(Engineering) 500 Baird Road, Merion, Pa.	30 F
WEYERBACHER, KENNETH WILLIAM.....	(History) 20 Degonia Road, Boonville, Ind.	29 Bc
WILLIS, JAMES MOORE.....	(Economics) 109 Hudson Terrace, Yonkers, N. Y.	34 L
WINSLOW, ROBERT GAREY.....	(Chemistry) 1902 Mt. Royal Terrace, Baltimore, Md.	44 Bc
WRIGHT, KENNETH ALDRO.....	(Physics) 2134 Wyoming Avenue, N. W., Washington, D. C.	33 L
ZIEGLER, HOWARD EDWARD, JR.....	(History) 855 Montgomery Avenue, Narberth, Pa.	D

SOPHOMORE CLASS—1942

ABBOTT, CHARLES CONRAD.....	4 L
R. D. 2, Bristol, Pa.	
ADDOMS, JAMES NEAL.....	5 L
864 Park Place, Brooklyn, N. Y.	
ALDRIDGE, GEORGE LEWIS.....	61 Bn
401 Stiles Avenue, Maple Shade, N. J.	
ANDERSON, WARREN DEWITT.....	7 F
537 45th Street, Brooklyn, N. Y.	
BAUER, RICHARD DEMME.....	115 M
Alden Park Manor, Philadelphia, Pa.	
BEDROSSIAN, E. HOWARD.....	13 L
531 Foss Avenue, Drexel Hill, Pa.	
BELL, EDGAR DAWSON, JR.....	11 L
Clearvue Road, Ingomar, Pa.	
BOYSEN, ALFRED CHARLES, JR.....	D
25 Tyson Avenue, Glenside, Pa.	
BRODHEAD, BICKLEY BURNS.....	42 Bc
340 W. State Street, Media, Pa.	
BROUS, NORMAN SCATTERGOOD.....	D
254 High Street, Germantown, Philadelphia, Pa.	
BROWN, KNOX.....	41 Bc
404 S. Linden Avenue, Pittsburgh, Pa.	
BROWN, RICHARD WILLITS.....	59 Bn
Downingtown, Pa.	
*BURFORD, NOBLE ALBERT, JR.....	60 Bn
42 Hill Road, Louisville, Ky.	

Name	Home Address	College Address
CADBURY, THOMAS LLOYD.....	12 High Street, Moorestown, N. J.	6 M
CHAMBLISS, DAVID JOHNSON.....	Lookout Mountain, Tennessee	3 L
CHILDS, ELEAZER EDWARDS.....	8 Brattle Road, Syracuse, N. Y.	60 Bn
CLARK, JOHN ARTHUR.....	250 N. Mountain Avenue, Montclair, N. J.	26 Bc
COCHRAN, THOMAS CUNNINGHAM, JR.....	206 S. Pitt Street, Mercer, Pa.	11 L
COSTIC, PETER JEROME.....	106 N. East Street, Sayre, Pa.	18 L
CRAWFORD, JOHN AVERY.....	651 Chestnut Street, Meadville, Pa.	14 Bs
DORIAN, ALAN LLOYD.....	7101 Hampden Lane, Bethesda, Md.	22 L
DUNHAM, ROBERT WILMER.....	6863 N. 19th Street, Philadelphia, Pa.	41 Bc
DYE, ROY AUGUSTUS, JR.....	111 Milton Street, Aliquippa, Pa.	113 M
ELLIOTT, JOHN YOUNG.....	Alderson—Broaddus College, Philippi, W. Va.	42 Bc
EMERY, DAVID AMOS.....	919 Creston Avenue, Des Moines, Iowa	4 L
EMERY, EDGAR R.....	228 West Brown Street, Norristown, Pa.	D
EVANS, ARTHUR.....	Awbury, Germantown, Philadelphia, Pa.	1 Bs
FALCONER, WALTER CROSS.....	170 Pine Street, East Aurora, N. Y.	110 M
FARQUHAR, JOHN DENNEY.....	602 Second Street, California, Pa.	5 L
FLACCUS, EDWARD.....	109 Bryn Mawr Avenue, Lansdowne, Pa.	21 L
FLICK, JOHN BERNARD, JR.....	629 Gulph Road, Bryn Mawr, Pa.	D
FOREMAN, KENNETH JOSEPH, JR.....	Davidson, N. C.	21 F
FOX, DAVID SHARPLESS.....	5617 Dorchester Avenue, Chicago, Ill.	14 Bs
FRANZEN, WOLFGANG.....	155 E 22nd Street, New York, N. Y.	8 F
FRAZIER, JOHN JORY.....	14 West Avenue, Bridgeton, N. J.	33 Bc
FUST, JOHN ABERCROMBIE.....	231 W. 7th Street, Erie, Pa.	22 L
GARY, JAMES FREDRICK.....	300 Yale Avenue, Swarthmore, Pa.	6 M
GRIER, LOUIS NORMAN, JR.....	6931 Church Avenue, Ben Avon, Pittsburgh, Pa.	13 L
GUENTHER, JACOB JARDEN, JR.....	510 Chester Road, Swarthmore, Pa.	D
*HAIGHT, JAMES RALPH, JR.....	631 Ellet Street, Philadelphia, Pa.	8 M
HAMBIDGE, GOVE, JR.....	310 Rosemary Street, Chevy Chase, Md.	18 F
HARPER, HEBER REECE.....	223 Dalzell Avenue, Ben Avon, Pittsburgh, Pa.	15 Bs
HARRINGTON, EDWIN.....	Sheaff Lane, Whitmarsh, Pa.	64 Bn
HASTINGS, FRANK WILLARD.....	45 E. Church Road, Elkins Park, Pa.	22 F

Name	Home Address	College Address
HAUGHTON, ANSON BALDWIN	Radnor, Pa.	D
HAWORTH, TIMOTHY PEYTON	Brookside Road, Wallingford, Pa.	19 L
HOWE, GORDON WALTER	7 Crandall Street, Adams, Mass.	21 L
HSU, TA CHUN	c/o Chinese Embassy, Washington, D. C.	11 Bs
*JOHNSTON, FRANK DALLAS	1432 Columbus Avenue, Pittsburgh, Pa.	11 L
JOHNSTONE, HENRY WEBB, JR.	Delwick Lane, Short Hills, N. J.	26 Bc
JONES, THOMAS CANBY	1033 17th Avenue, N., Nashville, Tenn.	19 L
KAY, RICHARD	600 W. Olney Avenue, Philadelphia, Pa.	5 L
KING, LOWELL	Silvermine Road, New Canaan, Conn.	8 M
KIRPATRICK, MALCOLM SUYDAM	Forsgate Drive, Jamesburg, N. J.	59 Bn
KUNKEL, PETER	Kaiserdamm 102, Berlin—Charlottenburg 5, Germany	58 Bn
LAWRENCE, LINWOOD THEODORE, JR.	210 W. Mt. Pleasant Avenue, Philadelphia, Pa.	33 Bc
LEWIS, GEORGE CAMPBELL, JR.	812 Summit Grove Avenue, Bryn Mawr, Pa.	D
MAGILL, JAMES PHINEAS, 2ND	117 Carpenter Lane, Mt. Airy, Philadelphia, Pa.	22 L
MAYER, RICHARD ROWLANDS	116 Amstel Avenue, Newark, Del.	13 Bs
MCCULLOCH, SAMUEL COLIN	1466 Harbert Avenue, Memphis, Tenn.	17 M
MCGANN, MALCOLM HOBART, JR.	62 King Street, Reading, Mass.	5 M
MCLELLAN, PHILIP FLETCHER	Martin and Old Railroad Avenues, Bryn Mawr, Pa.	D
MELDRUM, WILLIAM BUELL, JR.	747 College Avenue, Haverford, Pa.	D
MILLER, ROBERT EVERTS, JR.	2033 Willemore Avenue, Springfield, Ill.	61 Bn
O'CONNOR, PAUL RADELL	2629 N. Maryland, Milwaukee, Wis.	20 L
*OLSON, CHARLES ALEXANDER, JR.	301 E. 21st Street, New York, N. Y.	109 M
OULAHAN, GEORGE MCCALL COURTS	1518 31st Street, N. W., Washington, D. C.	19 L
POOLE, DAVID MANCHESTER	12 Hobart Avenue, Summit, N. J.	20 L
POTTER, RICHARD JACKSON	2011 Greenberry Road, Baltimore, Md.	15 M
REED, KARL GARDENER	113 Llanfair Road, Ardmore, Pa.	D
RHODIN, THOR N., JR.	543 E. 9th Street, Brooklyn, N. Y.	21 F
ROBERTS, KENNETH STOKES	201 Chestnut Street, Moorestown, N. J.	21 L
SAXER, LEWIS PAUL	4631 Lancaster Avenue, Philadelphia, Pa.	D
SCHAEFFER, CHARLES DAVID	30 N. 8th Street, Allentown, Pa.	58 Bn
SENSENI, DAVID MARTIN	309 Bangor Road, Bala-Cynwyd, Pa.	D

HAVERFORD COLLEGE

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Name	Home Address	College Address
SKERRETT, W. HENRY W., JR.	Wayne, Pennsylvania	D
SPAULDING, DONALD CHAPMAN	18 N. 23rd Street, Camp Hill, Pa.	114 M
STARR, ROBERT WALTER, 3RD.	124 Decatur Street, Cape May, N. J.	11 M
STEPTOE, ROBERT MASON	Shepherdstown, West Virginia	13 Bs
STRAUSBAUGH, ROBERT NELSON	2679 W. Broad Street, Columbus, Ohio	20 L
SWEETSER, FRANKLIN PRATT	408 Merion Place, Merion, Pa.	15 Bs
SZERLIP, EUGENE POOLE	43 Shephard Avenue, Newark, N. J.	4 L
THALHEIMER, HERBERT R.	5603 Roxbury Place, Baltimore, Md.	71 Bn
THOMPSON, DAVID CLARK	51 Church Street, East, Bloomfield, N. J.	112 M
THOMSON, JOHN DARSIE	5850 Fifth Avenue, Pittsburgh, Pa.	55 Bn
*TROUT, EDGAR EVERT	511 Woodland Court, Wayne, Pa.	13 L
WARNER, GEORGE THOMAS	4037 Michigan Ave., Kansas City, Mo.	111 M
WEAVER, DANCY GRAY	238 Grove Street, Westfield, N. J.	2 F
WISE, JOHN HICE	21 S. 26th Street, Camp Hill, Pa.	9 M
WORRALL, WINFIELD SCOTT	Newtown Square, Pennsylvania	7 M

FRESHMAN CLASS—1943

ADDOMS, JEREMY	864 Park Place, Brooklyn, N. Y.	7 L
ALLEN, JOHN M.	2861 Lee Road, Shaker Hts., Ohio	62 Bn
ANDERSON, EUGENE E., JR.	Sharon, Pa.	30 Bc
BAKER, DOUGLAS H.	22 Bedford Road, Summit, N. J.	50 Bn
BELL, ARTHUR H.	Milton, Ulster Co., N. Y.	36 Bc
BOWMAN, MURDOCK S.	414 E. 52nd Street, New York, N. Y.	30 Bc
BROWN, JARED S.	Mercersburg, Pa.	8 F
BROWN, MARVIN L., JR.	478 Manheim Street, Philadelphia, Pa.	63 Bn
BUSHNELL, DAVID S.	3019 Midvale Avenue, Philadelphia, Pa.	D
CADBURY, CHRISTOPHER J.	7 Buckingham Place, Cambridge, Mass.	7 Bs
COFFIN, TRISTRAM P.	Box 89, Edgewood Farm, Wakefield, R. I.	53 Bn
COOLIDGE, DAVID A.	1127 Kensington Road, Grosse Pointe Park, Mich.	69 Bn
COPE, PAUL M.	151 S. Pennsylvania Avenue, Atlantic City, N. J.	7 Bs
CRYAN, ROBERT	c/o Chemical Bank & Trust Co., New York, N. Y.	8 L

Name	Home Address	College Address
DEWALD, JEFF.....	277 West End Avenue, New York, N. Y.	14 L
ECKFELDT, THOMAS H., 3D.....	62 Bond Street, Fitchburg, Mass.	105 M
ELWELL, JACQUE SPENCER.....	230 Bonnie Brae Avenue, Rochester, N. Y.	52 Bn
ENCK, JOHN J.....	15 Front Street, Lititz, Pa.	2 L
ESREY, JOSEPH J., JR.....	4 E. Park Road, Llanerch, Pa.	D
EVANS, J. MORRIS.....	Awbury, Germantown, Philadelphia, Pa.	3 Bs
FERRIS, SUMNER W.....	Governor's Island, New York, N. Y.	14 L
FITZGERALD, G. HOBART.....	Bronxville Lodge, Bronxville, N. Y.	108 M
GAENSLER, EDWARD A.....	317 Linden Lane, Merion, Pa.	D
GILBERT, J. BRYSON.....	Bethlehem Pike and Church Road, Whitemarsh, Pa.	3 M
GILMOUR, GEORGE J.....	6616 Woodland Avenue, Philadelphia, Pa.	D
GRALA, WILLIAM L., JR.....	101 N. Church Street, Hazleton, Pa.	6 L
HALL, HARRY S.....	119 N. Woodstock Street, Philadelphia, Pa.	8 L
HALLETT, DOUGLAS R.....	324 Forest Avenue, Ben Avon, Pittsburgh, Pa.	4 M
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HOGNESS, JOHN R.....	5758 Blackstone Avenue, Chicago	6 Bs
HOWE, BYRON E., JR.....	7 Crandall Street, Adams, Mass.	2 L
HUNTER, HOLLAND.....	1419 Hudson Avenue, Chicago	28 Bc
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KIRK, DAVID B.....	Mill Hall, Pa.	6 Bs
KNOWLAND, WILLIAM EDWARD.....	120 Monterey Avenue, Pelham, N. Y.	8 L
KRIEBEL, HOWARD B.....	Moylan, Pa.	16 Bs
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LEVINTOW, LEON.....	5749 N. Fairhill Street, Philadelphia, Pa.	102 M
LIPPINCOTT, H. MATHER, JR.....	East Lane, Chestnut Hill, Philadelphia, Pa.	51 Bn
LITTLE, ELLIS F.....	65 Nunda Boulevard, Rochester, N. Y.	53 Bn
LUTZ, HOWARD T. B.....	318 N. Lansdowne Avenue, Lansdowne, Pa.	66 Bn
LYMAN, RUSSELL M.....	507 W. 18th Street, Wilmington, Del.	16 Bs

Name	Home Address	College Address
MACCRATE, ROBERT	134 Milton Street, Brooklyn, N. Y.	7 F
MALEY, E. PAT.	1414 Regina Street, Harrisburg, Pa.	67 Bn
MARSH, JOHN C.	48 Hillcrest Road, Windsor, Conn.	8 F
MASON, AVREL	640 Rahway Road, Westfield, N. J.	66 Bn
MEADER, JOHN H.	17 Colonial Avenue, Moorestown, N. J.	35 Bc
MOON, JOHN M.	31 Penarth Road, Bala-Cynwyd, Pa.	28 Bc
MORSE, GEORGE FOXCROFT.	74 Fernwood Road, Hamden, Conn.	10 L
NEWELL, STERLING, JR.	17845 Lake Road, Lakewood, Ohio	1 L
OTTO, FRANK K.	2116 Kalorama Road, Washington, D. C.	9 L
PETERKIN, NORMAN	175 Cooper Avenue, Montclair, N. J.	18 Bs
RHIND, JOHN B.	217 E. 26th Street, Covington, Ky.	104 M
RIDGWAY, STUART L.	144 58th Street, Niagara Falls, N. Y.	6 L
ROGERS, ALAN S.	1320 DeKalb Street, Norristown, Pa.	D
RYRIE, GEORGE M.	1007 Henry Street, Alton, Ill.	54 Bn
SATTERTHWAIT, ARNOLD C.	305 Berks Co. Trust Bldg., Reading, Pa.	34 Bc
SEVRINGHAUS, JOHN W.	3914 Cherokee Drive, Madison, Wis.	69 Bn
SHEPARD, SETH T.	51 W. Lenox Street, Chevy Chase, Md.	1 L
SHIHADAH, WILLIAM F.	113 Sutton Road, Ardmore, Pa.	D
SHINN, JOHN G.	1705 Caton Avenue, Brooklyn, N. Y.	10 L
SOMERS, DAVID D.	17 Front Street, Marion, Mass.	103 M
STEINS, KENEDON P.	518 Prescott Road, Merion, Pa.	D
STEVENS, JOHN D., JR.	475 Fifth Avenue, New Kensington, Pa.	50 Bn
STILES, E. CLARKE, JR.	512 California Avenue, Oakmont, Allegheny Co., Pa.	D
STUDWELL, WILLIAM A.	15 Ashland Avenue, Pleasantville, N. Y.	9 L
SUTTERLIN, JAMES S.	208 Wilkinson, Frankfort, Ky.	9 L
THACHER, JOHN W., JR.	307 E. Central Avenue, Moorestown, N. J.	4 Bs
THOMSON, HAROLD S.	570 Lawrence Avenue, Westfield, N. J.	8 Bs
TOMLINSON, ALEXANDER C., JR.	114 W. Kings Highway, Haddonfield, N. J.	107 M
TORRENCE, HASKELL	20001 S. Woodland Road, Shaker Heights, Ohio	7 L
TURNER, ALBERT E., 3D.	307 Hamilton Road, Wynnewood, Pa.	D
WARREN, WILLIAM T., JR.	49 Thomas Avenue, Bryn Mawr, Pa.	D

Name	Home Address	College Address
WEBSTER, EDWARD F.	522 Hiram Street, Wichita, Kansas	10 L
WHITEHEAD, JOHN C.	110 Summit Avenue, Upper Montclair, N. J.	35 Bc
WIDNEY, CARL E.	10 Mitchell Place, New York, N. Y.	67 Bn
WILLIAMS, HUGH R.	81 Myrtle Avenue, Wyoming, Maplewood P. O., N. J.	14 L
WINDER, DAVID A.	239 Cherry Lane, Merwood, Upper Darby, Pa.	D
WINDER, R. BAYLY.	5908 Cedar Parkway, Chevy Chase, Md.	36 Bc
WINGERD, WILLIAM N.	Edgar Avenue and Riddle Road, Chambersburg, Pa.	52 Bn
WOODWARD, WILLIAM H.	Country Club Grounds, Dongan Hills, S. I., N. Y.	8 Bs
YEAPLE, WHITNEY SEILER.	144 Dartmouth Street, Rochester, N. Y.	1 L
ZANDER, WILLIAM D.	127 Simpson Road, Ardmore, Pa.	D

SUMMARY

Graduate Students	15
Seniors	56
Juniors	81
Sophomores	90
Freshmen	86
Total	328

FACULTY, OFFICERS, ETC.

Name	Address (Haverford unless otherwise noted)	Telephone (Ardmore Exchange unless otherwise noted)
Allendoerfer, Carl B.	791 College Avenue	5426
Babbitt, Dr. James A.	Tunbridge and Blakely Rds.	50
Bernheimer, Richard M.	225 Roberts Road, Bryn Mawr	Bryn Mawr 2180 W
Betz, Ebon E.	Founders Hall, East	564
Bricker, Clark E.	Graduate House	2195
Brown, Henry Tatnall, Jr.	1 College Lane	1222
Bushnell, Joseph, 3rd	3019 Midvale Ave., Philadelphia	Germantown 0665
Cadbury, William Edward, Jr.	Graduate House	1779 W
Clement, Charles A.	Woodside Cottage	3109 J
Clement, Wilmer B.	Founders Hall, East	564
†Comfort, Howard	5 College Circle	3732
Comfort, William W.	South Walton Road	455
Docherty, William, Jr.	1521 Euclid Avenue, Philadelphia	
Drake, Thomas E.	2 Pennstone Road, Bryn Mawr	Bryn Mawr 1534
Dunn, Emmett R.	748 Rugby Road, Haverford	Bryn Mawr 2662
Evans, Arlington	324 Boulevard, Brookline, Upper Darby P. O., Pa.	Hilltop 2043
Fetter, Frank Whitson	5 Canterbury Lane, St. Davids, Pa.	Wayne 2449 J
FitzGerald, Alan S.	Warwick Rd. and Cotswold Lane, Wynnewood	1404
Flight, J. W.	753 College Avenue	4409 W
Gentle, James	c/o Penn Mutual Life Insurance Co., 6th & Walnut Streets, Philadelphia	Lom. 7300
Gummere, Henry V.	Apt. B-207, Shirley Court, Upper Darby, Pa.	Boulevard 1307 W
Haddleton, A. W.	29 Tenmore Road	Bryn Mawr 1235 W
Hawley, Roger S.	Graduate House	2195
Henry, H. K.	1464 Drayton Lane, Penn Wynne, Pa.	1254 M
Herndon, John G., Jr.	2 College Lane	364
Hetzel, Theodore B.	768 College Avenue	4393 W
Holmes, Clayton W.	3 College Lane	195 W
†Hotson, J. Leslie	3 College Circle	1312
Johnston, Robert J.	Woodside Cottage	1402 W
Jones, Rufus M.	2 College Circle	2777
Jones, Thomas O.	Founders Hall, East	564
Kelly, John A.	3 College Lane	4160
Kelly, Thomas R.	791 College Avenue	203 R
Lafford, Lindsay A.	Founders Hall, East	2886
Lester, John A., Jr.	Founders Hall, East	564
Liljenstein, Cecil C.	Founders Hall, East	564
Lockwood, Dean P.	6 College Circle	1402 J
Lunt, William E.	5 College Lane	1507 W
MacIntosh, Archibald	830 Buck Lane	961 J
Melchior, Montfort V.	129 Radnor St., Bryn Mawr, Pa.	Bryn Mawr 1315
Meldrum, William D.	747 College Avenue	881 J
Montgomery, George	6124 Columbia Ave., Overbrook, Pa.	Greenwood 7811
Oakley, Cletus O.	Featherbed Lane	3109 W
Palmer, Frederic, Jr.	7 College Lane	97 R
Pfund, Harry W.	637 Walnut Lane	5532
Post, L. Arnold	9 College Lane	258 M
Pratt, Henry S.	4 College Circle	870 J
Randall, Roy E.	3 College Lane	195 J
Rantz, J. Otto	2122 Chestnut Ave., Ardmore, Pa.	
*Reitzel, William A.	637 Walnut Lane	4185 W
Rittenhouse, Leon H.	6 College Lane	791 J
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Steere, Douglas V.	739 College Avenue	162 J
Sutton, Richard M.	785 College Ave., facing Walton Road	4155 W
†Swann, Alfred J.	21 Oberlin Avenue, Swarthmore, Pa.	Swarthmore 661
Taylor, Dr. Herbert W.	457 Lancaster Avenue	2383
Teaf, Howard Morris, Jr.	207 W. Plumstead Avenue, Lansdowne, Pa.	Madison 4297 J
Walton, Francis R.	417 Anthwyn Road, Merion, Pa.	Narberth 2464
Watson, Curtis B.	773 College Avenue	2937
Watson, Frank D.	773 College Avenue	2937
Williamson, Alexander Jardine	4 College Lane	4023
Wills, William Mintzer	342 Merion Road, Merion, Pa.	Merion 521
Wilson, Albert H.	765 College Avenue	1853

* Absent on leave, first term, 1939-40.

† Absent on leave, second term, 1939-40.

‡ Absent on leave, 1939-40.

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Alumni Office, Joseph Bushnell, 3rd, Secretary, Haverford Union.....	4338
Barclay Hall, North.....	439
Barclay Hall, South.....	2993
Barclay Hall, Centre.....	68
Business Office, W. M. Wills, Bursar.....	221
Dean, H. Tatnall Brown, Jr.....	1441
Dean of Freshmen in Charge of Admissions, A. MacIntosh.....	1441
Founders Hall, East.....	564
Founders Hall, Dormitory.....	1939
Founders Hall, Kitchen.....	2991
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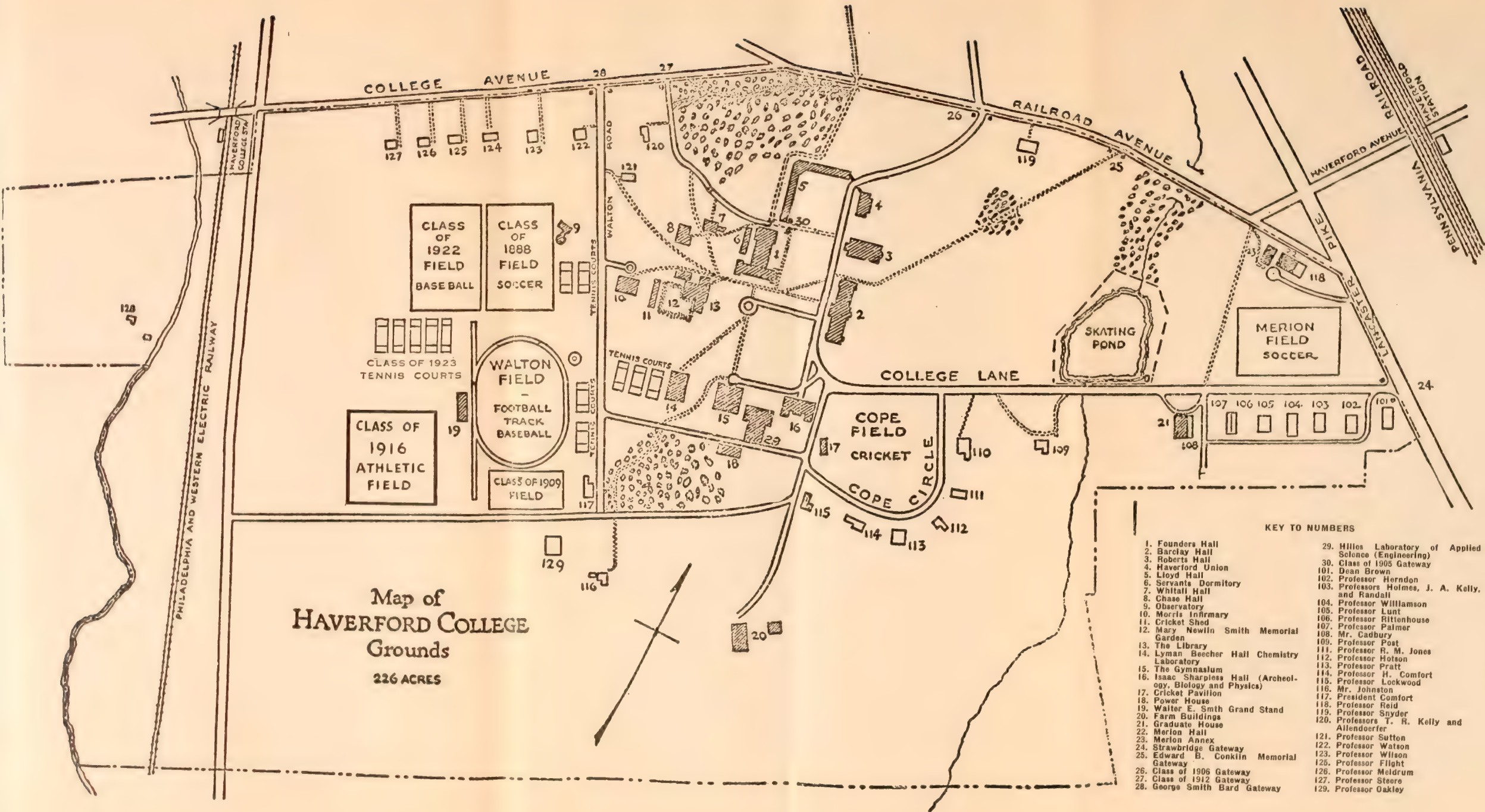
OWEN B. RHOADS, '25 Packard Building, Philadelphia, Pa.

* Serving also as Alumni Representatives on the Board of Managers.

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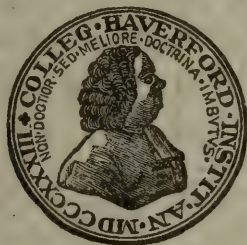
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HAVERFORD, PA.
REPORTS OF THE PRESIDENT OF THE COLLEGE
AND TREASURER OF THE CORPORATION

1938-1939



VOLUME XXXVIII . NUMBER THREE

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THE CORPORATION OF
HAVERFORD
COLLEGE

1938-39

Reports of
PRESIDENT OF THE COLLEGE
TREASURER OF THE CORPORATION

*Presented at the Annual Meeting
Tenth Month 10, 1939*



HAVERFORD · PENNSYLVANIA

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1939-40

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Secretary

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Term expires 1942

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WILLIAM B. BELL.....535 Fifth Ave., New York, N.Y.

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*DR. ARTHUR H. HOPKINS.....1726 Pine St., Phila.

*OWEN B. RHOADS.....Bryn Mawr, Pa.

* Alumni Representative Manager.

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1939-40

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THOMAS W. ELKINTON	Term expires 1941	
	JOHN F. GUMMERE	WILMOT R. JONES
WILLIAM M. MAIER	Term expires 1942	
	E. WAYNE MARSHALL, JR.	EDWARD R. MOON

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*Counsel**

PARKER S. WILLIAMS, 1632 Chestnut St., Philadelphia

* Invited to attend all Board Meetings.

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1939-40

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A.B., *Haverford College*; A.B., A.M., and Ph.D., *Harvard University*; Litt.D., *University of Pennsylvania*; LL.D., *University of Maryland and Lake Forest College*

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HENRY SHERRING PRATT

A.B., *University of Michigan*; A.M. and Ph.D., *University of Leipzig*

David Scull Professor of Biology, *Emeritus*

JAMES ADDISON BABBITT

A.B., *Yale University*; A.M., *Haverford College*; M.D., *University of Pennsylvania*

Professor of Hygiene and Physical Education, *Emeritus*

RUFUS MATTHEW JONES

A.B. and A.M., *Haverford College*; A.M. and D.D., *Harvard University*; Litt.D., *Penn College*;

LL.D., *Haverford College*, *Swarthmore College*, *Earlham College* and *Williams College*;

D. Theol., *University of Marburg*; D.D., *Yale University*

T. Wistar Brown Professor of Philosophy, *Emeritus*

DON CARLOS BARRETT

A.B. and A.M., *Earlham College*; A.M. and Ph.D., *Harvard University*

Professor of Economics, *Emeritus*

LEGH WILBER REID

S.B., *Virginia Military Institute*; A.B., *Johns Hopkins University*;

S.M., *Princeton University*; Ph.D., *University of Göttingen*

Professor of Mathematics, *Emeritus*

ELIHU GRANT

A.B., A.M., Ph.D., and S.T.B., *Boston University*

Professor of Biblical Literature, *Emeritus*

ALBERT HARRIS WILSON

S.B. and S.M., *Vanderbilt University*; Ph.D., *University of Chicago*

Professor of Mathematics, *Emeritus*

FREDERIC PALMER, JR.

A.B., A.M., and Ph.D., *Harvard University*

Professor of Physics

WILLIAM EDWARD LUNT

A.B. and L.H.D., *Bowdoin College*; A.M. and Ph.D., *Harvard University*

Walter D. and Edith M. L. Scull Professor of English Constitutional History

LEON HAWLEY RITTENHOUSE

M.E., *Stevens Institute of Technology*

Professor of Engineering

FRANK DEKKER WATSON

S.B. in Economics and Ph.D., *University of Pennsylvania*

Professor of Sociology and Social Work

DEAN PUTNAM LOCKWOOD

A.B., A.M., and Ph.D., *Harvard University*

Professor of Latin

HAVERFORD COLLEGE

WILLIAM BUELL MELDRUM

B.A. and M.Sc., *McGill University*; Ph.D., *Harvard University*

John Farnum Professor of Chemistry

JOHN LESLIE HOTSON*

A.B., A.M., and Ph.D., *Harvard University*

Francis B. Gummere Professor of English

LEVI ARNOLD POST

A.B. and A.M., *Haverford College*; A.M., *Harvard University*;B.A. and M.A., *Oxford University*

Professor of Greek

EMMETT REID DUNN

A.B. and A.M., *Haverford College*; Ph.D., *Harvard University*

David Scull Professor of Biology

EDWARD DOUGLAS SNYDER

A.B., *Yale University*; A.M. and Ph.D., *Harvard University*

Professor of English

FRANK WHITSON FETTER

A.B., *Swarthmore College*; A.M., *Harvard University*; A.M. and Ph.D., *Princeton University*

Professor of Economics

JOHN ALEXANDER KELLY

A.B., *Emory and Henry College*; A.M. and Ph.D., *Columbia University*

Professor of German

DOUGLAS VAN STEERE

S.B., *Michigan State College*; B.A., *Oxford University*; A.M. and Ph.D., *Harvard University*

Associate Professor of Philosophy

ALFRED J. SWANN**

B.A. and M.A., *Oxford University*

Associate Professor of Music

JOHN GOODWIN HERNDON

A.B. and M.A., *Washington and Lee University*; Ph.D., *University of Pennsylvania*

Associate Professor of Government

JOHN WILLIAM FLIGHT

B.A., *Hope College*; M.A., *Yale University*; B.D. and Ph.D., *Hartford Theological Seminary*

Associate Professor of Biblical Literature

HARRY WILLIAM PFUND

A.B., *Haverford College*; A.M. and Ph.D., *Harvard University*

Associate Professor of German

WILLIAM REITZEL†

S.B., *Haverford College*; B.A. and M.A., *Oxford University*

Associate Professor of English

RICHARD MANLIFFE SUTTON

S.B., *Haverford College*; Ph.D., *California Institute of Technology*

Associate Professor of Physics

* Absent on leave for the second semester, 1939-40.

** Absent on leave for the year 1939-40.

† Absent on leave for the first semester, 1939-40.

HAVERFORD COLLEGE

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CLETUS O. OAKLEY

B.S., *University of Texas*; S.M., *Brown University*; Ph.D., *University of Illinois*
Associate Professor of Mathematics

HOWARD COMFORT*

A.B., *Haverford College*; A.M. and Ph.D., *Princeton University*
Associate Professor of Latin and Greek

THOMAS RAYMOND KELLY

B.S., *Wilmington College*; S.B., *Haverford College*; B.D. and Ph.D., *Hartford Theological Seminary*
Associate Professor of Philosophy

ALEXANDER JARDINE WILLIAMSON

A.B., *Haverford College*; A.M. and Ph.D., *Princeton University*
Associate Professor of Romance Languages

GEORGE MONTGOMERY

A.B., *Haverford College*; A.M., *Harvard University*
Associate Professor of Public Speaking

CLAYTON WILLIAM HOLMES

B.S., *University of New Hampshire*; A.M., *Haverford College*; M.E., *University of New Hampshire*
Assistant Professor of Engineering

THOMAS EDWARD DRAKE

A.B., *Stanford University*; M.A., *University of Michigan*; Ph.D., *Yale University*
Assistant Professor of American History

HOWARD MORRIS TEAF, JR.

B.S., A.M., and Ph.D., *University of Pennsylvania*
Assistant Professor of Economics

HOWARD KNICKERBOCKER HENRY

B.S., *University of Pennsylvania*
Assistant Professor of Botany

MONTFORT VERTEGANS MELCHIOR

A.B., *Haverford College*; A.M., *University of Pennsylvania*
Assistant Professor of Modern Languages

ROY EARL RANDALL

Ph.B., *Brown University*
Assistant Professor of Athletics

CARL BARNETT ALLENDOERFER

S.B., *Haverford College*; B.A. and M.A., *Oxford University*; Ph.D., *Princeton University*
Assistant Professor of Mathematics

HENRY VOLKMAR GUMMERE

S.B. and A.M., *Haverford College*; A.M., *Harvard University*
Lecturer in Astronomy

HERBERT WILLIAM TAYLOR

A.B., *Haverford College*; M.D., *University of Pennsylvania*
Lecturer in Hygiene

RICHARD MAX BERNHEIMER

Ph.D., *University of Munich*
Lecturer in Art

* Absent on leave for the year, 1939-40.

HAVERFORD COLLEGE

ARLINGTON EVANS

B.P.E., *Normal College A.G.U.*; M.S., *Temple University*

Instructor in Physical Education

ALFRED WILLIAM HADDLETON

Instructor in Light Athletics

WILLIAM EDWARD CADBURY, JR.

S.B. and A.M., *Haverford College*

Instructor in Chemistry

ARCHIBALD MACINTOSH

A.B., *Haverford College*; M.A., *Columbia University*

Instructor in Psychology

THEODORE BRINTON HETZEL

A.B., *Haverford College*; B.S., *University of Pennsylvania*;M.A. and Ph.D., *Pennsylvania State College*

Instructor in Engineering

THOMAS OSWALD JONES

B.E., *Oshkosh Teachers College*; Ph.M. and Ph.D., *University of Wisconsin*

Instructor in Chemistry

FRANCIS REDDING WALTON

A.B., *Haverford College*; A.M. and Ph.D., *Harvard University*

Instructor in Latin and Greek

WILLIAM T. DOCHERTY

S.B., *Temple University*

Instructor in Physical Education

LINDSAY A. LAFFORD

Fellow of *The Royal College of Organists*

Instructor in Music

EBON E. BETZ

A.B., *Albion College*; A.M., *University of Michigan*; Ph.D., *University of Pennsylvania*

Instructor in Mathematics

JOHN A. LESTER, JR.

A.B., *Haverford College*; A.M., *Harvard University*

Instructor in English

The Dean, and the Dean of Freshmen, are ex-officio members of the Faculty.

ASSISTANTS

JOHN OTTO RANTZ

Engineering

ALAN S. FITZGERALD

Research Associate

in

Physics and Engineering

CECIL C. LILJENSTEIN

B.S., *Middlebury College*

Physics

CURTIS B. WATSON

A.B., *Brown University*

English

CLARK E. BRICKER

B.A., *Gettysburg College*

Chemistry

ROGER S. HAWLEY

A.B., *Earlham College*

Chemistry

OFFICERS OF ADMINISTRATION

1939-40

WILLIAM WISTAR COMFORT

A.B., *Haverford College*; A.B., A.M., and Ph.D., *Harvard University*; Litt.D., *University of Pennsylvania*; LL.D., *University of Maryland and Lake Forest College*

President

HENRY TATNALL BROWN, JR.

S.B., *Haverford College*; M.A., *Columbia University*

Dean

ARCHIBALD MACINTOSH

A.B., *Haverford College*; M.A., *Columbia University*

Dean of Freshmen and Director of Admissions

WILLIAM MINTZER WILLS

A.B., A.M., *Haverford College*

Bursar

JAMES ADDISON BABBITT

A.B., *Yale University*; A.M., *Haverford College*; M.D., *University of Pennsylvania*

Medical and Athletic Adviser

THOMAS EDWARD DRAKE

A.B., *Stanford University*; M.A., *University of Michigan*; Ph.D., *Yale University*

Curator of Quaker Collections

DEAN PUTNAM LOCKWOOD

A.B., A.M., and Ph.D., *Harvard University*

Librarian

HERBERT WILLIAM TAYLOR

A.B., *Haverford College*; M.D., *University of Pennsylvania*

Physician in Charge

HENRY VOLKMAR GUMMERE

S.B. and A.M., *Haverford College*; A.M., *Harvard University*

Director of the Strawbridge Memorial Observatory

ROBERT J. JOHNSTON

Superintendent of Buildings and Grounds

AMY L. POST

A.B., *Earlham College*

Assistant Librarian

MABEL S. BEARD

R.N., *Lankenau Hospital*

Resident Nurse

MAUDE D. DONALDSON

Assistant Registrar

STANDING COMMITTEES OF THE FACULTY AND ADMINISTRATION

The President is an ex-officio member of all committees.

The Dean and the Dean of Freshmen are ex-officio members of the following committees: Admissions, Curriculum, Delinquent Students, Major Concentration and Honors, and Student Affairs.

Admissions

DEAN MACINTOSH, *Chairman*
PROFESSORS RITTENHOUSE, SNYDER, HERNDON, MR. GUMMERE, AND MR. EVANS

Advanced Degrees

PROFESSOR FETTER, *Chairman*
PROFESSORS LUNT, DUNN, STEERE, FLIGHT, AND DEAN BROWN

Catalogue

PROFESSOR OAKLEY, *Chairman*
PROFESSORS T. R. KELLY, ALLENDOERFER, DR. JONES, AND MR. WILLS

Curriculum

PROFESSOR POST, *Chairman*
PROFESSORS RITTENHOUSE, HERNDON, SUTTON, AND TEAF

Delinquent Students

PROFESSOR J. A. KELLY, *Chairman*
PROFESSORS PALMER, DUNN, REITZEL, WILLIAMSON, MELCHIOR
MR. HADDLETON, AND MR. CADBURY

Fellowship Recommendations

PROFESSOR STEERE, *Chairman*
PROFESSORS WATSON, POST, SUTTON, AND ALLENDOERFER

Library

PRESIDENT COMFORT, *Chairman*
PROFESSORS LOCKWOOD, SNYDER, REITZEL, T. R. KELLY, DRAKE,
AND DR. HETZEL

Major Concentration and Honors

PROFESSOR DRAKE, *Chairman*
PROFESSORS PALMER, WATSON, SNYDER, AND DR. HETZEL

Prizes

PROFESSOR PFUND, *Chairman*
PROFESSORS HOLMES AND MELCHIOR

Student Affairs

PROFESSOR WILLIAMSON, *Chairman*
PROFESSORS FLIGHT, HOLMES, TEAF, AND RANDALL

Student Petitions

DEAN BROWN, *Chairman*
PROFESSORS MELDRUM, FETTER, PFUND, AND HENRY

PRESIDENT'S REPORT 1938-39

The death of Henry W. Stokes '87 on Eleventh Month 30th, 1938, removed a generous and devoted member of the Board of Managers. The following Minute was adopted at the Board meeting of First Month 13th, 1939:

With a profound sense of loss we record the death of our fellow member, Henry Warrington Stokes, on November 30th, 1938.

Graduating from Haverford College in the Class of 1887, he entered business and soon became associated with the York Haven Paper Company, which he served for forty years, from 1889 to 1929, first as its Treasurer and later, for fifteen years, as President. Not confining himself to business, his interest in contributing to the welfare of his fellows disclosed itself in his being President of the Rush Hospital for Consumptives and of the Sleighton Farm School for Girls and his membership on the Board of Management of the Dunwoody Home for Convalescents.

Elected to this Board on May 21st, 1926, he brought to the service of the College the ripe experience of his long and successful business career and the soundness of judgment which had contributed to that success. His unusual executive ability, including both energy in action and capacity to make prompt and wise decisions, was greatly valued by the Board. This was amply evidenced by the variety and importance of his service on many committees, among which were his Chairmanship for more than ten years of the Committee on College Property and Farm, his Chairmanship of the Centenary Fund Executive Committee, his continuous membership on the Executive Committee since 1928, and earlier service on the Committee on Finance and Investments.

Genial, friendly, with an appreciation of humor that often showed itself in the twinkle of his eye, he was not simply an esteemed Board member but a loved comrade and friend.

It is directed that a copy of this Minute be sent to his son, J. Tyson Stokes, the only surviving member of his immediate family.

At the meeting of the Board held Fifth Month 19th, 1939, John A. Silver '25 was elected a Manager for the unexpired term of Henry W. Stokes.

The college year 1939-40 has opened with an attendance of 327, 312 being undergraduates and 15 being graduate students. There are 86 freshmen entering from 58 different schools, of which 33 are private and 25 are public, a total of 52 students from private and 34 from public schools. Of the freshmen, 68 are sons of college men and 18 of non-college men; 40 are sons of professional men and 38 of business men; the father of one is unemployed and the fathers of 7 are not living. 34 students in the College are sons of Haverfordians. In the student body 30 states are represented and 5 foreign countries as follows:

California	1	Kentucky	5
Connecticut	7	Maine	1
Delaware	5	Maryland	11
District of Columbia	6	Massachusetts	14
Illinois	8	Michigan	2
Indiana	2	Minnesota	2
Iowa	2	Missouri	1
Kansas	2	Montana	1

Nebraska.....	1	Virginia.....	3
New Hampshire.....	1	Washington.....	1
New Jersey.....	37	West Virginia.....	2
New York.....	44	Wisconsin.....	4
North Carolina.....	1		
Ohio.....	8	China.....	2
Pennsylvania.....	146	Germany.....	1
Rhode Island.....	2	Italy.....	1
Tennessee.....	3	Portugal.....	1
Vermont.....	1	Switzerland.....	1

The religious census of the body is as follows:

Episcopal.....	80	Society of Friends.....	4
Presbyterian.....	68	Presbyterian.....	3
Society of Friends.....	45	Methodist.....	2
Methodist.....	21	Baptist.....	1
Baptist.....	16	Congregational.....	1
Congregational.....	16	Disciples of Christ.....	1
Roman Catholic.....	12	Jewish.....	1
Jewish.....	10	Lutheran.....	1
Lutheran.....	10	Protestant.....	1
Christian Science.....	6		
Protestant.....	5	Total Graduate Students.....	15
Reformed.....	5		
Unitarian.....	5		
United Presbyterian.....	2		
Anglican.....	11		
Dutch Reformed.....	1		
Greek Orthodox.....	1		
United Brethren.....	1		
No religious affiliation.....	7		

Total Undergraduates.....312

For historical purposes it is interesting to note the number of students registered for the first term of 1939-40 in the different departments of instruction:

Art.....	17	Government.....	71
Astronomy.....	23	Greek.....	18
Biblical Literature.....	18	History.....	155
Biology.....	77	Italian.....	2
Chemistry.....	156	Latin.....	36
Economics.....	169	Mathematics.....	130
Engineering.....	48	Music.....	10
English Language and Literature.....	250	Philosophy.....	94
French.....	105	Physics.....	55
Geology and Geography.....	14	Sociology.....	60
German.....	122	Spanish.....	27

There are a few changes in the personnel of the Faculty this year. Professor Hotson returns after sabbatic leave of absence, as also do Professor Palmer, Professor Lockwood and Associate Professor Sutton. This year Associate Professor Swann is away for the full year on sabbatic leave of absence and Associate Professor Comfort has received sabbatic leave of absence for the entire year, as has also Associate Professor Reitzel for the first term. New appointments are: Ebon E. Betz as Instructor in Mathematics,

Lindsay A. Lafford as Instructor in Music and trainer of undergraduate musical organizations, William T. Docherty, Jr., as Instructor in Athletics, and John A. Lester, Jr., as Instructor in English.

Dean H. T. Brown, Jr., who has for years acted as Director of Physical Education, has been relieved of the latter responsibility. A committee of athletic coaches and teachers of physical development, all of whom are members of the Faculty, has been placed in charge of the physical education of the student body and of the required work of the three lower classes. These men are: Mr. Randall, Chairman, Mr. Evans, Mr. Haddleton, Mr. Docherty and Dr. Taylor. They will serve as a liaison committee between the Faculty and the students, will arrange schedules for physical exercise at available hours, and will be responsible to the Deans for the effective execution of the program of physical education with its many choices of organized exercise.

Certain members of the Faculty have had interesting appointments during the past year apart from their duties at Haverford College. The following have come to my attention: Professor Fetter went to Ecuador during the summer as economist of the Export-Import Bank; Dr. Teaf worked upon a study of insurance problems and practices for the Home Owners' Loan Corporation in Washington; Dr. Howard Comfort read upon invitation a paper at the Sixth International Archaeological Congress in Berlin; during the summer Professor Dunn was engaged on a collecting expedition in the Canal Zone as curator of reptiles in connection with the Gorgas Memorial Institute and the Philadelphia Academy of Natural Sciences; Professor Steere spent some weeks lecturing at Pendle Hill.

A landmark in Faculty history this year is provided by two recent events: the retirement after twenty-nine years of service of Albert H. Wilson, Professor of Mathematics and in recent years head of that department, who now becomes Professor Emeritus; and the death of Oscar M. Chase '94 on Fourth Month 10th, 1939, sometime Instructor in Mechanical Drawing and since 1907 Registrar of the College. The following Minute was adopted by the Board meeting of Fourth Month 13th, 1939:

The Board of Managers has learned with sorrow of the death on Fourth Month 10th of Oscar Marshall Chase. A graduate of the College in the Class of 1894, he served the College as Instructor in Drawing, Registrar and Bursar over a period of about forty years. Known to nearly all Haverfordians through his long period of service, he was peculiarly valued for his share in keeping the financial records of the College. A devout believer in his own methods of procedure and accounting, he attained extraordinary accuracy in his accounts and established a

reputation for fidelity and diligence in his office which it would be hard to duplicate. The bearer of a name which has meant so much in Haverford history, he himself yielded unflagging devotion to all that affected the welfare of the College. He served not for reward but from love.

The students in the early part of the century heard with sorrow of the death on Fifth Month 8th, 1939, of Dr. Albert S. Bolles, long since retired, at his home in Williamstown, Massachusetts.

The College buildings and grounds continued to be used from time to time by outside organizations of neighbors or groups of students from other institutions: the Student Branch Convention of the American Institute of Electrical Engineers brought about 200 students from other colleges for a one-day meeting in Third Month last; several board meetings and two membership meetings of the Main Line Cooperative Association have been held in the Union; the Lawn School brings annually a considerable number of persons interested in horticulture and landscape gardening in the Third Month; the Academy of Vocal Arts uses Roberts Hall for several weeks during the summer for rehearsals; the Fellowship of Reconciliation held a two-day conference at the College in the Ninth Month; the gymnasium is used from time to time as a neutral floor for school basketball games; the Interacademic Track Meet is held annually on Walton Field in the Fifth Month.

It is interesting to learn from Professor Flight that loan collections of pottery and other archaeological artifacts excavated at Beth Shemesh by Dr. Grant are being sent out in response to requests to some half dozen institutions, with others to follow as soon as more collections can be assembled. These collections are at present on exhibition on loan from Haverford College at the Cleveland Public Library, Duke University, Southern Methodist University, Presbyterian Theological Seminary in Chicago, Western College at Oxford, Ohio, Y.M.C.A. Biblical Museum at Greensboro, North Carolina.

This is an appropriate place to mention several gifts which have been made to the College during the past year. There has been set up a fund of \$20,000, the income of which will be available eventually as the Augustus Taber Murray Research Scholarship for a Haverford graduate who wishes to do research work in English philology or literature, classical philology or literature, or German philology or literature. This fund, the eighty-ninth to be established in our financial portfolio, is given by an anonymous donor in honor of our beloved and distinguished alumnus, Dr. A. T. Murray of the Class of '85, Professor of Greek Emeritus in Stan-

ford University. Mr. Harry M. Zuckert has added \$2,000 to the principal of the Robert Martin Zuckert Memorial Scholarship Fund, making a total of \$8,750 to date. A large grant from the Carnegie Corporation will permit us for several years to extend our instruction and cultivation of music and art at Haverford. Two art exhibits have been made possible this year, in part by this grant and in part by the enthusiasm and activity of Professor Williamson and Dr. Christian Brinton of the Class of '92. The first exhibition was of the work of contemporary artists loaned by Professor Howard Gray of Bryn Mawr College; the second showed a very representative collection of the canvasses of Mary Cassatt never before brought together in an exhibition. The playing and singing of more classical music by the students under the direction of a qualified and resident leader is planned for the present year. We are grateful also for the fact that Haverford has been mentioned in several wills recently, but as the advantages from these sources do not accrue to the College at present, they may not yet be more specifically indicated. The completion of the decoration and furniture of the Commons Room by a group of Alumni and undergraduates has added greatly to the amenities of campus life, and for this much needed improvement in the opportunities for social intercourse we are deeply indebted to the large number of individuals who have contributed to the fund required. The Campus Club has continued its beneficent attention to the beauty of the college grounds, which have never been more lovely than during recent months. The Class of 1889, to celebrate its fiftieth anniversary, presented at Commencement time to the College a portrait of the President. However mistaken the class may have been in its choice of a subject, it is not for me to say, but to thank the class for what may become some centuries hence a fine example of Philip Steegman in his earlier manner.

In a good average year of athletic competition, it would be a serious oversight to omit mention of two outstanding performances: the soccer team won the championship of our intercollegiate league last Fall; and last Spring the track completed its fourth season without defeat in dual meets. Mr. Haddleton's genius has brought the number of straight victories to 26 and allowed an entire generation of students to escape the sensation of defeat in dual meets. Fully deserving also of commendation is the performance of our delegates at the Model Assembly of the League of Nations. Representing France and speaking in French, our Haverfordians won first prize for the second year in succession.

The award is based upon best preparation, most effective delivery, and best accomplishment of activities.

Since last spring a special committee of the Board has been seeking funds for the erection of a large stack addition to the rear of the Library on a part of what is now the Smith Memorial Garden. Convinced by ocular evidence that the present Library was crowded to its utmost extent, and in view of the necessary transference of the working books of five departments to other quarters outside the building, the Board has authorized the special committee to seek funds from graduates and friends of the College. This committee has at present pledged for about half the required sum of \$100,000. A fireproof stack has been for years the greatest need of the College.

Of all our departments, Chemistry has been of late under the most severe strain for room. To meet this need, there have been equipped with desks during the summer two rooms in the Lyman Beecher Hall Chemistry Laboratory, one a large basement room with a southern exposure, and the other a smaller room in the northeast corner of the second floor. Space is thus provided for sixty additional laboratory desks. To the Haverford physicians who have contributed to this new equipment so necessary in preparation for the medical profession, our thanks are due.

In addition to the more formal addresses listed below, a large number of speakers on special topics have been heard by the students in our two weekly assemblies in Roberts Hall and, more informally, in the newly furnished Commons Room in Founders Hall. I believe that the brief presentation of a large variety of subjects, even when quite removed from the matter of our curriculum, meets occasionally with unexpected response: there is no telling when a chance remark of a visiting speaker may kindle a spark of interest or ambition in some of the listeners, and that result is one thing that education should seek. It is felt by some of our oldest attenders that Fifth Day Meeting, required though attendance be, is fulfilling in good degree the purpose for which Haverfordians have come together to worship weekly for over a century.

The following lectures outside of the regular course have been given during the year:

"Does Research Pace Industry—the Picture in Oil," by Dr. W. F. Fraragher. Tenth Month 18, 1938

"Various Types of Transmissions and Automatic Torque Changing Mechanisms," by P. D. Heldt. Tenth Month 26, 1938

"European Affairs," by Professor W. E. Lunt.

Eleventh Month 1, 1938

"Advantages of Membership in the American Student Union,"
by William Hood.

Eleventh Month 3, 1938

"Interesting Points in Shakespeare's Works," by Professor Edward Hubler.

Eleventh Month 7, 1938

"Youth Training and Education in Present Day Germany," by Professor H. W. Pfund.

Eleventh Month 15, 1938

"Religion and the Needs of Modern Man," by Dean Willard L. Sperry.

Eleventh Month 29, 1938

"The Recent Course of Events in Middle Europe," by Colin Ross.

Eleventh Month 30, 1938

"Copper Alloys," by J. L. Kimberely.

Eleventh Month 30, 1938

"Haverford Chemistry in Medicine," by Dr. James A. Babbitt.

Twelfth Month 5, 1938

"The Haverford of the Nineties," by President W. W. Comfort.

Twelfth Month 13, 1938

"Petroleum Processing and Equipment Design," by T. B. Leech.

First Month 11, 1939

"The Current Sino-Japanese War," by Dr. Walter Judd.

First Month 26, 1939

"Science and Imagination in the Seventeenth Century," by Dean Marjorie Nicolson.

Second Month 9, 1939

"What is Topology?" by Dr. Carl B. Allendoerfer.

Second Month 13, 1939

"The Rise of Hitlerism," by F. Wilhelm Sollman.

Second Month 16, 1939

"The International Grenfell Association," by Dr. Charles S. Curtis.

Second Month 24, 1939

"Air Conditioning," by William F. Maxfield.

Second Month 22, 1939

"William Blake," by Edwin Wolf, II.

Third Month 8, 1939

Fifteenth Student Branch Convention of the American Institute of Electrical Engineers: "Effect of Parasitic Reflectors on Short Waves," by J. B. Gehman; "Magnetic Recording of Sound," by J. C. Dutton; "An Echo Suppressor for Two Wire Telephone Circuits," by R. R. Hough; "Status of Television," by J. M. Edwards; "An Electromagnetic Means of Metal Detection," by A. J. Baracket and R. M. Showers.

Third Month 13, 1939

"The Character and Work of Goya," by Dr. Christian Brinton.

Third Month 14, 1939

"The Peep Show," by Walter Wilkinson. Third Month 22, 1939

"The Consumers' Cooperative Movement in Great Britain," by
P. Sargent Florence. Fourth Month 10, 1939

"The Properties and Structure of Viruses," by Dr. Wendell M.
Stanley. Fourth Month 19, 1939

"Engine Demonstration and Effect of Number in Engine Per-
formance," by Roy A. Musick. Fifth Month 2, 1939

"The Theory of Color Reproduction," by Dr. Joseph Engl.
Fifth Month 8, 1939

Commencement exercises in Roberts Hall, with an address by
Dr. Hu Shih. Sixth Month 10, 1939

Debates:

Resolved, That the federal government should cease to use public
funds, including credit, to stimulate business. Affirmative, Haver-
ford; negative, Swarthmore. (Radio Debate)

Tenth Month 12, 1938

Resolved, That the Federal government should cease to use public
funds, including credit, to stimulate business. Affirmative, Haver-
ford; negative, Stetson University. Twelfth Month 6, 1938

Resolved, That Chamberlain's policy in the recent European
crises was justified. Affirmative, Rosemont; negative, Haverford.

Twelfth Month 15, 1938

Resolved, That the United States should maintain a policy of
complete military isolation. Affirmative, Haverford, negative,
Moravian. Second Month 15, 1939

Resolved, That the United States should form a military alliance
with Great Britain. Affirmative, Haverford; negative, Lafayette.

Second Month 22, 1939

Resolved, That Chamberlain's policy in the recent European
crisis was justified. Affirmative, Haverford; negative, Princeton.

Second Month 23, 1939

Resolved, That the United States should enter into an alliance
with Great Britain. Affirmative, Haverford Freshman; negative,
Swarthmore Freshmen. Second Month 23, 1939

Resolved, That the United States should form an alliance with
Great Britain. Affirmative, Haverford; negative, Hamilton.

Second Month 27, 1939

Resolved, That the federal government should cease to use public
funds, including credit, to stimulate business activity. Affirmative,
Haverford Freshmen; negative, Villanova Freshmen.

Second Month 27, 1939

Resolved, That the federal government should cease to use public funds, including credit to stimulate business. Affirmative, Haverford; negative, William and Mary women. Third Month 1, 1939

Resolved, That the United States should form an alliance with Great Britain. Affirmative, Haverford; negative, University of Pennsylvania. Third Month 6, 1939

Resolved, That the several states should enact legislation for a system of free medical care available to all citizens at public expense. Affirmative, Haverford; negative, William and Mary. Third Month 6, 1939

Resolved, That the United States should cease to use public funds, including credit, to stimulate business. Affirmative, Haverford; negative, Drew University. Third Month 6, 1939

Resolved, That the United States should enter into a military alliance with Great Britain. Affirmative, Haverford Freshmen; negative, Haverford School. Third Month 9, 1939

Resolved, That the United States should cease to use public funds, including credit, to stimulate business. Affirmative, Bard; negative, Haverford. Third Month 9, 1939

Resolved, That women have more fun than men. Affirmative, Haverford; negative, Swarthmore women. Third Month 13, 1939

Resolved, That the United States should maintain a policy of complete isolation, Affirmative, Moravian; negative, Haverford. Third Month 14, 1939

Resolved, That the Hutchins Plan for higher education should be adopted by American universities. Affirmative, Haverford; negative, Harvard. Fourth Month 7, 1939

Resolved, That the United States and North Atlantic democracies should form a federal union. (The Streit Plan) Affirmative, Haverford Freshmen; negative, Lafayette Freshmen. Fourth Month 12, 1939

Resolved, That President Roosevelt's foreign policy is imperiling the peace of the United States. Affirmative, Haverford Class of 1940; negative, Haverford Class of 1939. Fourth Month 28, 1939

Freshman-Sophomore Public Speaking Contest.

Fourth Month 28, 1939

LIBRARY REPORT

One of the most insistent problems in college and university libraries is the location of the various groups of books in relation to other parts of the educational plant. How can we strike a balance between segregation and integration, between decentralization and coordination? The American passion for "modern conveniences"—or shall we say, for "luxury"?—requires that every student, and what is more difficult, every teacher, should have immediate access to the group of books he needs, whenever and wherever he needs it. Toward this impossible goal we strive by every device in our power; but in practice we can only compromise. We have too many students and too many books and too many subjects of instruction and too many courses, to be able to attain the ideal. There are as many different groups of books as there are students. In effect, we should like to provide each reader with the equivalent of a private library. To make it as easy as possible for each to create his world of books about him, we follow a classification and cataloging system which is a miracle of convenience, but it cannot be perfect.

At this point I should like to digress to call attention to one of the great advantages of a small college. Its main collection of books, its central library, is compact and available to all, and the books are so handy that they can be reached with a minimum of effort. If they are well chosen, the undergraduate is in an enviable position. Compare the plight of a university like Harvard, where eighty libraries, containing almost four million books, are spread over many acres, not to mention outlying collections at a distance of several miles; and where the main library is an enormous storehouse, which devours the user's time. No wonder that at Harvard seven separate libraries are an essential part of the seven undergraduate "houses"; but I doubt whether any Harvard "house" has, or can ever have a library comparable to that of Haverford College.

If all students took the same course, we could rest content with a central library housed in one building and made as convenient or luxurious as possible. But the great educational problem of the present day, I mean, the diversity of intellectual interests and of curricula, introduces into our library system a strong trend toward segregation. Under the circumstances this is perfectly legitimate. There are five departments of *science* in our educational scheme (astronomy, engineering, biology, chemistry, physics) which have, and must have, isolated laboratories. Here their work is done and here their books must be located. If this degree of segregation causes any serious inconvenience to other departments or to the general reader, there is only one solution, namely, duplication of books needed elsewhere. The actual amount of duplication would be very slight.

This year I have to report that the last of the five departmental libraries in science, namely, that of physics, has been put into full operation in Sharpless Hall.

Segregation, however, may take place within a central library building as well as without. The "seminar-room" is an alluring solution of the desire for quiet and seclusion *within* the main library. Some subjects lend themselves readily to segregation of this kind. Mathematics, for instance, is a sharply defined and technical subject with little or no "popular" literature. With very little inconvenience to other departments (save perhaps in the realm of statistics) the department of mathematics has already withdrawn its books and leads a tranquil cloistered existence. Because of the temporarily overcrowded condition of the main building, the mathematics library is housed nearby, but the location cannot be regarded as permanent. Except in the laboratory sciences, or possibly in fine arts, it is not likely that a college as small as Haverford will ever have separate buildings for departments of instruction: a history building, for instance, or English or philosophy. It is to be hoped, therefore, that we shall not have to solve any such difficult problem as the segregation of groups of books in the social sciences and the humanities. It will be hard enough, if and when we have a new and more commodious library building, to decide on a policy of reserving groups of books in seminar rooms.

The overcrowding of the main building naturally inclines us at present to welcome the withdrawal of department libraries. The trend is centrifugal. Some day, perhaps, the tide will turn the other way. At present, there is only one group of books that necessity has forced us, regretfully, to put beyond the reach of the everyday reader: namely, certain sets of less frequently used periodicals, which

have been stored in another building, where for lack of attendance they must be kept under lock and key. When needed, they must be fetched from their place of storage or the reader must be personally conducted to the spot; in either case the reader cannot have what he wants when he wants it. As soon as possible all storage, whether of long runs of periodicals or of duplicates and exchange material of various kinds, will be brought back to the main building.

Two changes have taken place in the library staff. Miss Olga Erbe has become librarian of Adelphi College, and her place has been taken by Miss Elsa C. Lisle, a graduate of the University of Kentucky and of the Columbia University School of Library Service. Miss Ruth Pennington, after serving the library faithfully and efficiently for ten years, has entered Pennsylvania State College. Her place has been taken by Miss Florence M. Stevens, a graduate of Muskingum College.

DEAN P. LOCKWOOD
Librarian

The total number of volumes in the library at the end of August, 1939, was 144,192. During the past year 3,082 volumes were added, 1,648 by purchase, 1,209 by gift, and 225 sent by the United States government for the Government Depository Collection, besides numerous pamphlets filed in our government pamphlet collection. 33 books were discarded, a number of them being replaced by new editions.

Among the many gifts to the library, the following may be mentioned as noteworthy:

- From the Carnegie Corporation, 216 volumes on art and allied subjects.
- From H. Tatnall Brown, 67 volumes from his personal library.
- From Miss Jeanne d'Estimauville, a set of 37 volumes, the *Memoirs of de Bachaumont*.
- From Albert H. Wilson, 33 volumes on mathematics.
- From Alfred J. Swann, 31 music scores.
- From Richard C. Brown, 21 volumes of Quaker books.
- From Mrs. E. Page Allinson, 15 volumes of Quaker books.
- From Mrs. Joseph B. Hutchinson, Jr., 13 volumes of Quaker books.
- From Mrs. Archibald MacIntosh, several volumes of various collections of Whittier's poems, many of them interleaved with clippings of poems taken from newspapers and magazines in which they originally appeared.
- From the Holland Society of New York, 21 volumes of its Yearbook and Collections.
- From William Reitzel, 21 volumes.
- From Miss Marion Clothier, 20 volumes.
- From Don C. Barrett, 16 volumes.
- In memory of Alan C. Hale, Jr., 15 volumes.
- From Mr. and Mrs. Clarence G. Hoag, 15 volumes.
- From Morris E. Leeds, 12 volumes.
- From George Ohl, a subscription to *Fortune*.

The many books received from organizations, societies, and colleges were also most welcome, as were all the other individual gifts, which lack of space prevents us from mentioning.

The total circulation of library books was 25,021. Of this number, 3,934 were loaned to professors, 15,875 to students, and 5,212 to borrowers not connected with the college. Inter-library loan service was maintained as usual, with 72 volumes loaned and 31 volumes borrowed. In addition to this, many of the students and professors visited the nearby college and university libraries and personally borrowed books from them. We deeply appreciate the courtesies extended to us by neighboring libraries, and also the efficient service of the Union Catalog staff in Philadelphia.

AMY L. POST
Assistant Librarian

REPORT OF THE CURATOR OF THE QUAKER COLLECTION

The year has been one of steady growth on the part of the Quaker Collection in both books and manuscripts, with occasional gifts of autographs to add to the Roberts Collection. Forty-one individuals contributed 805 Quaker manuscripts, maps, and pictures. Notable among these were the gifts of Evans family papers by Charles Evans, of Waln family letters by George L. Harrison, of materials relating to Charles Roberts by William C. Longstreth, of Daniel B. Smith papers by Anna Wharton Wood, of William C. Allen manuscripts by Elizabeth C. B. Allen, and of various items by Rufus M. Jones, Henri van Etten, and Mary R. G. Williams.

One hundred and sixty Quaker books, ancient and modern, were purchased for the library, in addition to numerous gifts and the regular number of Quaker periodicals. We were able to secure several rare copies of the printed Minutes of Ohio Yearly Meeting through Harlow Lindley, of the Ohio State Archaeological and Historical Society, and have obtained two of the earlier printed *Disciplines* of New England Yearly Meeting. A gift of unusual interest is that of Joshua L. Baily, Jr., whose generosity made possible the purchase of a lot of twenty-one rare Quaker tracts, most of them printed in England in the seventeenth century.

Two Haverford graduate students wrote theses in Quaker history, under the direction of the Curator, using the Quaker Collection for studies of the early relations of Friends and Baptists, and of the educational policy of Philadelphia Friends in the nineteenth century. Six visiting research workers came in person to Haverford, for longer or shorter stays, and others made their inquiries by mail. Photostatic copies of manuscripts were supplied to several inquirers, and, in one case, photofilm negative copies of rare seventeenth century tracts of George Keith's were sent to a student at Columbia University. The Curator assisted in the preparation of the second volume of William Wade Hinshaw's *Encyclopedia of American Quaker Genealogy*, and prepared one issue of *Quakeriana Notes* for circulation among the friends of the College and a number of university libraries.

A new section was added to the filing case to accommodate the growing index to the manuscript collection and to various other Quaker references. The last available wall space in the fireproof vault received its quota of shelves, which began to fill almost before the paint was dry. Manuscripts as well as books at Haverford are beginning to crowd their retaining walls.

THOMAS E. DRAKE
Curator

HAVERFORD COLLEGE

HAVERFORD, PA.

June 10, 1939

The report of the Infirmary for the year 1938-1939 is as follows:

The report of house patients is as follows:

Patients admitted	103
Total time (days)	359

Diseases are classified as follows:

Grippe and respiratory	56
Intestinal	16
Joint conditions	5
External Infections	0
Miscellaneous	26

Total number of visits of dispensary patients:

Medical	1,580
Surgical	1,225

Conditions are classified as follows:

Upper respiratory	441
Fractures	5
Sutures	9
General	403

H. W. TAYLOR, M.D.

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SUMMARY OF THE ACCOUNT OF
J. HENRY SCATTERGOOD, Treasurer of
THE CORPORATION OF HAVERFORD COLLEGE

For the Year Ending Eighth Month 31, 1939

RECEIPTS

Income from Funds for General Purposes

General Endowment Fund	\$ 3,252.24
John Farnum Memorial Fund	1,187.20
John M. Whittall Fund	380.48
David Scull Fund	1,252.79
Edward L. Scull Fund	516.12
Wistar Morris Memorial Fund	231.74
Israel Franklin Whittall Fund	451.32
Jacob P. Jones Endowment Fund	50,360.20
John Farnum Brown Fund	10,441.37
Ellen Waln Fund	347.62
Clementine Cope Endowment Fund	655.71
Nathan Branson Hill Fund	159.03
Joseph E. Gillingham Fund	1,718.99
Henry Norris Fund	326.99
Elizabeth H. Farnum Fund	285.35
James R. Magee Fund	1,550.54
Albert K. Smiley Fund	64.38
Hinchman Astronomical Fund	1,568.35
W. D. & E. M. L. Scull Fund	7,787.80
Albin Garrett Memorial Fund	864.11
Arnold Chase Scattergood Memorial Fund	562.28
Francis B. Gummere Memorial Fund	5,058.18
Isaac Sharpless Memorial Fund	8,739.15
General Education Board Fund	6,288.85
William Penn Foundation	3,264.31
Walter Carroll Brinton Memorial Fund	546.32
Corporation Fund	2,615.48
Howard Comfort Memorial Fund	220.60
Emma Ridgway Comly Fund	2,184.31
Ellen W. Longstreth Fund	4,572.66
Albert L. Baily Fund	246.59
Elizabeth B. Wistar Warner Fund	188.28
T. Allen Hilles Bequest	13,409.73
Leonard L. Greif and Roger L. Greif Fund	40.00
Edward M. Wistar Fund	117.00

131,456.07

Less:

Elizabeth J. Shortridge Fund	2.48	131,453.59
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Income from Thomas Wistar Brown Graduate School

Moses Brown Fund	13,533.27
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Income from Funds for Morris Infirmary

Infirmary Endowment Fund.....	247.71	
John W. Pinkham Fund.....	218.19	465.90

Income from Fund for Haverford Union

Haverford Union Fund	47.68
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Income from Funds for Scholarships

Thomas P. Cope Fund	228.75
Isaiah V. Williamson Fund	399.56

Forward	628.31	\$145,500.44
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Forward.....	\$628.31	\$145,500.44
Richard T. Jones Scholarship Fund.....	322.95	
Mary M. Johnson Scholarship Fund.....	341.49	
Sarah Marshall Scholarship Fund.....	385.72	
Clementine Cope Fellowship Fund.....	730.63	
Isaac Thorne Johnson Scholarship Fund.....	120.88	
Caspar Wistar Memorial Scholarship Fund.....	272.07	
J. Kennedy Moorhouse Scholarship Fund.....	302.50	
Louis Jaquette Palmer Scholarship Fund.....	271.80	
Robert Martin Zuckert Memorial Scholarship Fund.....	298.57	
Samuel E. Hilles Scholarship Fund.....	276.39	
Class of 1913 Scholarship Fund.....	120.00	
	<hr/>	
	4,071.31	
Less:		
Edward Yarnall Fund..... 258.61		
(Excess of R. E. expenses)		
Paul W. Newhall Schl. Fund..... 112.74		
(Excess of R. E. expenses).....	<hr/>	<hr/>
	371.35	3,699.96
<i>Income from Funds for Library</i>		
Alumni Library Fund.....	405.51	
Mary Farnum Brown Library Fund.....	2,693.48	
Mary Wistar Brown Williams Library Fund....	702.14	
Anna Yarnall Fund.....	7,049.22	
Edmund Morris Fergusson, Jr. Memorial Fund..	54.01	
Class of 1888 Library Fund.....	210.00	
Class of 1918 Library Fund.....	34.25	
	<hr/>	
	11,148.61	
Less:		
F. B. Gummere Library Fund		
(Excess of R. E. expenses).....	<hr/>	<hr/>
	.95	11,147.66
<i>Income from Funds for Pensions</i>		
President Sharpless Fund.....	2,111.98	
William P. Henszey Fund.....	1,382.23	
Jacob P. Jones Benefit Fund.....	1,561.94	
Pliny Earle Chase Memorial Fund.....	179.04	
Haverford College Pension Fund.....	3,655.62	
	<hr/>	<hr/>
		8,890.81
<i>Income from Funds for Special Purposes</i>		
Thomas Shipley Fund.....	215.52	
Elliston P. Morris Fund.....	7.96	
John B. Garrett Reading Prize Fund.....	527.99	
Special Endowment Fund.....	297.14	
Scholarship Improvement Prize Fund.....	112.03	
Elizabeth P. Smith Fund.....	45.38	
S. P. Lippincott History Prize Fund.....	98.00	
Francis Stokes Fund.....	212.57	
George Peirce Prize Fund.....	76.37	
Lyman Beecher Hall Prize Fund.....	104.20	
Newton Prize Fund.....	75.57	
Edward B. Conklin Athletic Fund.....	88.85	
Arboretum Fund.....	242.94	
William Ellis Scull Prize Fund.....	80.00	
Paul D. I. Maier Fund.....	40.00	
Strawbridge Observatory Maintenance Fund...	180.51	
	<hr/>	<hr/>
		2,405.03
Total Income from the Funds.....		<hr/>
		\$171,643.90

Forward..... \$171,643.90

Income from College Sources

Tuition—Cash.....	\$112,015.00	
Scholarships Donated.....	1,635.00	
Scholarships from Funds.....	15,150.00	
	<hr/>	
	128,800.00	
Board—cash.....	68,048.65	
Room Rent—cash.....	32,611.45	229,460.10
	<hr/>	
Room Rent for 1939–40.....		3,845.00
Re-examination fees.....		954.50
Miscellaneous Fees.....		840.35
Infirmary.....		290.74
Library.....		241.92
Biological Laboratory.....		987.33
Chemical Laboratory.....		1,918.06
Physics Laboratory.....		604.50
Engineering Laboratory.....		1,383.39
Music Department.....		172.50
Observatory Fees.....		141.50
Board of Professors.....		1,442.60
Rents.....		10,324.30
		<hr/>
		252,606.79

Donations Other than for Funds

For Class of 1902 Latin Prize.....	10.00	
For Books—Matzke Royalties.....	54.52	
For French Books.....	25.00	
For Art from Carnegie Institution.....	12,500.00	
Other Donations for Art and Sale of Art Catalogue at Exhibition.....	344.12	
For Art Lecture.....	100.00	
Radio Club—Interest on Gift.....	58.64	
For New England Scholarship.....	300.00	
For Other Donated Scholarships.....	1,335.00	
For Campus Club.....	330.00	
For Bird Sanctuary.....	68.00	
For Care of Cope Field.....	50.00	
For Common Room.....	1,183.17	
For Beth Shemesh Exploration Fund.....	1,000.00	
Class of 1911 for Student Loan Fund.....	137.90	
For Chemical Laboratory Improvements.....	730.00	
For Addition to Library Building.....	400.00	18,626.35
		<hr/>

Additions to Funds

John Farnum Brown Fund—Income Transferred	1,044.14	
Centenary Fund—Donated.....	2,150.00	
T. Allen Hilles Bequest—Final from Executors..	1,603.37	
Moses Brown Fund—Income Transferred.....	1,353.33	
Robert Martin Zuckert Memorial Scholarship Fund—Donated.....	2,000.00	
Augustus Taber Murray Research Scholarship Fund—Donated.....	21,483.75	
Mary Farnum Brown Library Fund—Income Transferred.....	142.34	
Class of 1918 Library Fund—Transferred from Donations.....	1,253.52	
George Peirce Prize Fund—Income Transferred.	51.37	31,081.82
		<hr/>

Forward..... \$473,958.86

Forward..... \$473,958.86

Old Deposit Surrendered..... 10.00
Sale of Material Credited to 4,000 Volt Electric System..... 400.00
Skating Pond Receipts less Expenses, reserved for Athletic Association..... 210.95
Transferred from Centenary Fund to Corporation for Deficit..... 2,150.00

Investments Realized

General Endowment Fund.....	125.00	
John Farnum Memorial Fund.....	284.35	
John M. Whittall Fund.....	2,000.00	
Israel Franklin Whittall Fund.....	2,050.00	
Jacob P. Jones Endowment Fund.....	23,974.10	
John Farnum Brown Fund.....	7,333.75	
Joseph E. Gillingham Fund.....	10,499.40	
Henry Norris Fund.....	1,025.00	
James R. Magee Fund.....	1,260.00	
Hinchman Astronomical Fund.....	2,100.00	
W. D. & E. M. L. Scull Fund.....	1,020.00	
Francis B. Gummere Memorial Fund.....	6,743.58	
Isaac Sharpless Memorial Fund.....	810.00	
General Education Board Fund.....	34,699.14	
William Penn Foundation.....	7,909.58	
Walter Carroll Brinton Memorial Fund.....	1,000.00	
Corporation Fund.....	6,000.00	
Howard Comfort Memorial Fund.....	1,025.00	
Emma Ridgway Comly Fund.....	1,000.00	
Ellen W. Longstreth Fund.....	6,655.63	
Albert L. Bailly Fund.....	5,000.00	
T. Allen Hilles Bequest.....	126.00	
Moses Brown Fund.....	26,049.75	
Thomas P. Cope Fund.....	1,100.00	
Isaiah V. Williamson Fund.....	10.72	
Richard T. Jones Scholarship Fund.....	64.28	
Mary M. Johnson Scholarship Fund.....	1,000.00	
Sarah Marshall Scholarship Fund.....	945.00	
Clementine Cope Fellowship Fund.....	1,000.00	
Isaac Thorne Johnson Scholarship Fund.....	21.44	
J. Kennedy Moorhouse Scholarship Fund.....	211.59	
Samuel E. Hilles Endowment Fund.....	2,025.00	
Mary Farnum Brown Library Fund.....	1,050.00	
Anna Yarnall Fund.....	23,065.92	
Jacob P. Jones Benefit Fund.....	390.00	
Haverford College Pension Fund.....	8,315.20	
John B. Garrett Reading Prize Fund.....	630.00	
Scholarship Improvement Prize Fund.....	2,111.00	
Edward B. Conklin Athletic Fund.....	10.72	190,641.15

Money Borrowed Temporarily..... 129,300.00

Balances on hand Ninth Month 1, 1938

In Treasurer's Account.....	5,990.61	
In President's Account.....	15,000.00	20,990.61

\$817,661.57

EXPENDITURES

1938-1939

Expenses of Running the College

Salaries.....		\$206,736.35
Provisions.....		33,870.71
Wages.....		44,170.86
Family Expense and Furniture.....		5,175.59
Educational Miscellaneous.....		2,615.07
Fuel and Light (in addition to \$4707.80 paid in advance).....		11,315.02
Water.....		2,243.77
Lawn and Garden.....		8,650.35
Infirmary.....		3,205.16
Haverford Union.....		42.63
Library.....		2,388.28
Biological Laboratory.....		1,245.25
Chemical Laboratory.....		2,101.99
Physics Laboratory.....		877.79
Engineering laboratory.....		1,711.11
Music Department.....		187.62
Observatory.....		141.50
Gymnasium and Athletics.....		12,475.72
Printing and Advertising.....		2,630.31
Entertaining Expense.....		822.49
Rent of Graduate House—Moses		
Brown Fund.....	2,400.00	
Rent—W. D. & E. M. L. Scull Fund..	320.00	2,720.00
Repairs and Improvements.....	21,175.54	
Chemical Laboratory Improvements	2,836.96	24,012.50
Stationery (net cost).....		121.08
Interest.....		4,332.15
Taxes.....		4,366.61
Insurance (in addition to \$2014.61 paid in advance).....		3,290.99
Treasurer's and Secretary's Expenses.....		3,899.71
Auditing Expense.....		500.00
Appropriation for Haverford Meeting.....		100.00
Miscellaneous Appropriations charged to Moses		
Brown Fund.....		550.00
Pension Contributions.....		5,567.25
Regular Expense of Running the College.....		392,067.86
Add:		
Interest on Stork Art Gift overdraft.....		1,685.00
(Beyond dividend received)		
Total Cash Expense of Running the College.....		\$393,752.86

Expenditures from Income of Funds for Scholarships and Fellowships

General Endowment Fund.....	2,025.00	
Jacob P. Jones Endowment Fund...	7,100.00	
Joseph E. Gillingham Fund.....	800.00	
Moses Brown Fund—		
at Pendle Hill.....	1050.00	
at Haverford.....	1725.00	2,775.00
Thomas P. Cope Fund.....	175.00	

12,875.00

Forward..... \$393,752.86

Forward.....	12,875.00		\$393,752.86
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Edward Yarnall Fund.....	275.00	
Isaiah V. Williamson Fund.....	500.00	
Richard T. Jones Scholarship Fund..	300.00	
Mary M. Johnson Scholarship Fund..	300.00	
Sarah Marshall Scholarship Fund....	375.00	
Clementine Cope Fellowship—		
J. E. Goldmark at Harvard.....	700.00	
Caspar Wistar Memorial Fund.....	300.00	
J. Kennedy Moorhouse Scholarship		
Fund.....	250.00	
Louis Jaquette Palmer Scholarship		
Fund.....	250.00	
Paul W. Newhall Memorial Scholar-		
ship Fund.....	100.00	
Robert M. Zuckert Memorial Scholar-		
ship Fund.....	300.00	
Samuel E. Hilles Endowment Fund..	250.00	
Class of 1913 Scholarship Fund.....	125.00	16,900.00

<i>Augustus T. Murray Research Scholarship—An-</i>		
<i>nuitiy.....</i>		490.00

Expenditures from Income of Library Funds

W. D. & E. M. L. Scull—Books....	549.90	
Ellen W. Longstreth Fund—		
Books.....	100.98	
Quakeriana Notes.....	348.08	449.06

Mary Farnum Brown Li-		
brary Fund—Lecture... 100.00		
Books—General..... 1913.40		
Books—Christian Knowl-		
edge..... 397.18	2,410.58	

Mary Wistar Brown Williams Library		
Fund—Books..... 908.15		
Anna Yarnall Fund—for Books....	2,095.77	
F. B. Gummere Library Fund—Books	25.15	
Edmund Morris Fergusson, Jr. Me-		
morial Fund—Books..... 72.98		
Class of 1888 Library Fund.....	236.84	
Class of 1918 Library Fund.....	46.75	6,795.18

Expenditures from Income of Funds for Special Purposes

T. Allen Hilles Bequest—Equipment		
in Engineering Department.....	1,483.77	
Thomas Shipley Fund—Lectures....	148.75	
Elliston P. Morris Fund—		
Prize..... 80.00		
Books..... 29.20	109.20	

Special Endowment Fund—		
Friends' Council on Educa-		
tion..... 25.00		
Friends' Religious Educa-		
tion Committee..... 200.00	225.00	

Scholarship Improvement Prize Fund		
—Prizes..... 95.00		
Elizabeth P. Smith Fund—Prize....	35.00	

Forward.....	2,096.72	\$ 24,185.18	\$393,752.86
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Forward.....	2,096.72	\$ 24,185.18	\$393,752.86
S. P. Lippincott History Prize Fund—Prize.....	100.00		
Francis Stokes Fund—Campus Improvements.....	610.50		
George Peirce Prize Fund—Prize....	25.00		
Lyman Beecher Hall Prize Fund—Prize.....	100.00		
William Ellis Scull Prize Fund—Prize.....	50.00		
Paul D. I. Maier Fund—Class '96 Prizes.....	20.00	3,002.22	27,187.40
<i>Old Style Pensions</i>			
Paid from Income of Pension Funds..	8,890.81		
Deficiency made up from General Account.....	13,930.63		22,821.44
<i>Paid from Donations</i>			
Class of 1902 Latin Prizes.....	10.00		
Books from Matzke Royalties.....	127.98		
French Books from Special Donation.....	24.51		
Books from Gift of Carnegie Corporation.....	91.44		
For Art from Gift of Carnegie Corporation.....	5,336.37		
For Art Exhibition from Special Gifts for Art...	21.68		
For Art Lecture.....	100.00		
For New England Scholarship.....	300.00		
For Other Donated Scholarships.....	1,335.00		
For Work of Campus Club.....	569.53		
For Bird Sanctuary.....	77.80		
For Completion of Commons Room.....	1,383.17		
From Beth Shemesh Exploration Fund.....	1,070.17		
Gift of Class of 1911 transferred to Loan Fund...	137.90		
From Class of 1915 Gift for Museum Cases...	3,193.75		
Transfer of Class of 1918 Gift to form New Library Fund.....	1,253.52		
For Thesis Publication for Library.....	161.00		
For Care of Cope Field.....	50.00		15,243.82
<i>Coal for 1939-1940 bought in advance.....</i>			4,660.43
<i>Insurance paid for in advance.....</i>			1,941.94
Spent from Principal of Funds:—			
T. Allen Hilles Bequest—our ½ share final settlement of Taxes..	9,550.00		
Legal Fees.....	3,750.00	13,300.00	
<i>Strawbridge Observatory Maintenance Fund—Principal Balance of Cost of Astrographic Camera.....</i>			
<i>Transferred from Centenary Fund for Deficit.....</i>		1,177.83	
		2,150.00	16,627.83
<i>Purchase of Professor's Residence No. 1 College Circle.....</i>			10,000.00
<i>Purchase of Professor's Residence No. 5 College Circle.....</i>			8,520.69
<i>Investments Made or Donated</i>			
General Endowment Fund.....	.83		
John Farnum Memorial Fund.....	739.00		
Jacob P. Jones Endowment Fund.....	52,811.72		
John Farnum Brown Fund.....	4,919.67		
Joseph E. Gillingham Fund.....	3,000.00		
Hinchman Astronomical Fund.....	1,015.20		
W. D. & E. M. L. Scull Fund.....	1,062.29		
Francis B. Gummere Memorial Fund.....	4,276.12		
Forward.....		67,824.83	\$500,756.41

HAVERFORD COLLEGE

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Forward.....	67,824.83	\$500,756.41
Isaac Sharpless Memorial Fund.....	7,276.71	
General Education Board Fund.....	20,135.62	
William Penn Foundation.....	6,804.56	
Howard Comfort Memorial Fund.....	1,005.32	
Ellen W. Longstreth Fund.....	62.20	
Moses Brown Fund.....	13,380.46	
Caspar Wistar Memorial Fund.....	.83	
J. Kennedy Moorhouse Scholarship Fund.....	66.63	
Augustus T. Murray Research Scholarship Fund.....	21,483.75	
Anna Yarnall Fund.....	6,889.52	
Haverford College Pension Fund.....	208.01	
Scholarship Improvement Prize Fund.....	1,988.10	
Arboretum Fund.....	.83	147,127.37
		<hr/>
<i>Temporary Loans Paid Off</i>		129,300.00
(No money owed on loans at end of year)		
 <i>Income Transferred to Principal</i>		
John Farnum Brown Fund.....	1,044.14	
Moses Brown Fund.....	1,353.33	
Mary Farnum Brown Library Fund.....	142.34	
George Peirce Prize Fund.....	51.37	2,591.18
		<hr/>
 <i>Balances 8th Mo. 31, 1939</i>		
In Treasurer's Account.....	20,011.61	
In President's Account.....	17,875.00	37,886.61
		<hr/>
		<u>\$817,661.57</u>

HAVERFORD COLLEGE

FINANCIAL STATEMENT

FOR THE YEAR ENDING 8TH MONTH 31, 1939

Expenses of running the College, as per foregoing statement.....				\$392,067.86
Coal for 1938-39, paid for in advance.....				4,707.80
Insurance for 1938-39, paid for in advance.....				2,014.61
				<hr/>
Normal expense of Running the College.....			398,790.27	
Add cost of Old Style (Non-contributing) Pensions (Deficiency of Income from Pension Funds \$13,930.63).....			22,821.44	
Add deficiency of Income to meet interest on Stork Art Gift Fund overdraft.....			1,685.00	
Add second one-fifth of cost of 4,000 Volt Electric System (spread over five years).....			1,114.40	\$424,411.11
				<hr/>
Income from Funds applicable to Budget (After capitalizing and Special Expenses).....			157,428.86	
Recovery of old account.....			10.00	
Donations for Scholarships.....			1,635.00	
Donations from Centenary Fund applied to current year.....			2,150.00	
Donations toward cost of Chemical Laboratory improvements.....			730.00	
				<hr/>
			161,953.86	
Net Cash Receipts at College.....	252,606.79			
Less Room Rents for 1939-40.....	3,845.00			
			248,761.79	
Add Room Rents for 1938-39 paid last year.....			4,080.00	
			<hr/>	
			252,841.79	
Less Scholarships—				
From Funds.....	15,150.00			
Donated.....	1,635.00	16,785.00	236,056.79	398,010.65
			<hr/>	<hr/>
Deficit for the year.....				\$ 26,400.46

STATEMENT OF DEBT OF THE CORPORATION

8TH MONTH 31, 1939

Debt of the Corporation 9th Month 1, 1938.....		\$ 70,389.33
Increased during the year:—		
Operating Loss 1938–1939.....	26,400.46	
For No. 1 College Circle Dwelling (Gummere-Hinchman House).....	10,000.00	
For No. 5 College Circle Dwelling (Barrett House) with improvements.....	8,520.69	44,921.15
		<hr/>
		115,310.48
Debt of the Corporation 8th Month 31, 1939:—		
For Accumulated Deficits.....	66,174.09	
For Dwelling Houses:—		
No. 3 College Circle.....	8,000.00	
Sharpless House.....	14,412.29	
Babbitt House.....	8,203.41	
No. 1 College Circle.....	10,000.00	
No. 5 College Circle.....	8,520.69	49,136.39
		<hr/>
Debt 8th Month 31, 1939.....		<u><u>\$115,310.48</u></u>

NOTE:

The investment of the Funds in College Lane Real Estate remains the same, viz.:

Jacob P. Jones Endowment Fund.....	\$122,000.00
Francis B. Gummere Memorial Fund.....	5,800.00
Isaac Sharpless Memorial Fund.....	27,700.00
W. D. & E. M. L. Scull Fund.....	46,000.00
	<hr/>
	<u><u>\$201,500.00</u></u>

REPORT OF THE FUNDS

	FUND ESTAB- LISHED	BOOK VALUE 9/1/1938	PRINCIPAL 1938-1939		BOOK VALUE 8/31/1939	BALANCE 9/1/1938	NET INCOME	INCOME INCOME USED FOR				BALANCE 8/31/1939
			Increased	Decreased				Salaries and General Expenses	Scholar- ships	Books, Etc.	Special Purposes	
Funds for General Purposes												
General Endowment Fund.....	1847	\$ 96,995.14			\$ 96,995.14		\$ 3,252.24	1,227.24	2,025.00			
John Farnum Memorial Fund.....	1878	41,447.71			41,447.71		1,187.20	1,187.20				
John M. Whitall Fund.....	1880	10,565.09	75.00		10,640.09		380.48	380.48				
David Scull Fund.....	1885	44,806.59			44,806.59		1,252.79	1,252.79				
Edward L. Scull Fund.....	1885	11,364.35			11,364.35		516.12	516.12				
Wistar Morris Memorial Fund.....	1892	5,144.24			5,144.24		231.74	231.74				
Israel Franklin Whitall Fund.....	1896	10,727.32	54.62		10,781.94		451.32	451.32				
Jacob P. Jones Endowment Fund.....	1897	1,300,323.09	1,052.25		1,301,375.34		50,360.20	43,260.20	7,100.00			
John Farnum Brown Memorial Fund.....	1900	275,048.12	851.64		275,899.76		10,441.37	9,397.23		Capitalized	1,044.14	
Ellen Waln Fund.....	1900	11,117.10			11,117.10		347.62	347.62				
Clementine Cope Endowment Fund.....	1904	21,493.67			21,493.67		655.71	655.71				
Nathan Branson Hill Trust (First National Bank and Trust Co., Minneapolis, Minn. Trustee).....	1904	5,095.86	23.43		5,119.29		159.03	159.03				
Joseph E. Gillingham Fund.....	1907	46,799.46		4,404.74	42,394.72		1,718.99	918.99	800.00			
Henry Norris Fund.....	1907	5,858.70	27.31		5,886.01		326.99	326.99				
Elizabeth H. Farnum Fund (Provident Trust Co., Philadelphia, Pa., Trustee)	1914	10,220.00			10,220.00		285.35	285.35				
James R. Magee Fund.....	1915	44,618.88		549.00	44,069.88		1,550.54	1,550.54				
Albert K. Smiley Fund.....	1915	1,500.00			1,500.00		64.38	64.38				
Hinchman Astronomical Fund.....	1917	39,505.48	10.00		39,515.48		1,568.35	1,568.35				
Walter D. and Edith M. L. Scull Fund.....	1918	174,512.81	47.50		174,560.31		7,787.80	6,917.90		549.90	Rent 320.00	
Albin Garrett Memorial Fund.....	1919	26,771.00			26,771.00		864.11	864.11				
Arnold Chase Scattergood Memorial Fund.....	1919	24,381.59			24,381.59		562.28	562.28				
Francis B. Gummere Memorial Fund.....	1920	125,291.26	278.25		125,569.51		5,058.18	5,058.18				
Isaac Sharpless Memorial Fund.....	1920	218,728.43			218,728.43		8,739.15	8,739.15				
General Education Board Fund.....	1922	125,303.84	772.99		126,076.83		6,288.85	6,288.85				
Centenary Fund.....	1926	240.00			240.00							
William Penn Foundation.....	1926	102,077.27		9.84	102,067.43		3,264.31	3,264.31				
Walter Carroll Brinton Memorial Fund.....	1920	14,108.65	17.14		14,125.79		546.32	546.32				
Corporation Fund.....	1928	80,010.00			80,010.00		2,615.48	2,615.48				
Elizabeth J. Shortridge Fund.....	1930	10,000.00			10,000.00		2.48	2.48				
Howard Comfort Memorial Fund.....	1934	5,000.00	27.31		5,027.31		220.60	220.60				
Emma Ridgway Comly Fund.....	1935	50,000.00		12.50	49,987.50		2,184.31	2,184.31				
Ellen W. Longstreth Fund.....	1935	111,008.09	357.27		110,650.82		4,572.66	4,123.60		449.06		
Albert L. Baily Fund.....	1936	5,000.00			5,000.00		246.59	246.59				
Elizabeth B. Wistar Warner Fund.....	1937	4,950.00			4,950.00		188.28	188.28				
T. Allen Hilles Bequest.....	1937	292,460.94		11,696.63*	280,764.31*		13,409.73	11,925.96		Equipment	1,483.77	
Leonard L. Greif, Jr. and Roger L. Greif Fund.....	1937	1,000.00			1,000.00		40.00	40.00				
Edward M. Wistar Fund.....	1938	2,500.00			2,500.00		117.00	117.00				
		\$3,355,974.68			\$3,342,182.14					Rent	2,400.00	
Fund for T. Wistar Brown Graduate School										Appropriations	550.00	
Moses Brown Fund.....	1916	346,725.04	953.22		347,678.26		13,533.27	6,454.94	2,775.00	Capitalized	1,353.33	
Funds for Morris Infirmary												
Infirmary Endowment Fund.....	1911	9,653.44			9,653.44		247.71	247.71				
John W. Pinkham Fund.....	1911	5,059.50			5,059.50		218.19	218.19				
		14,712.94			14,712.94							
Fund for Haverford Union												
Haverford Union Fund.....	1920	1,878.82			1,878.82		47.68	47.68				
Funds for Scholarships												
Thomas P. Cope Fund.....	1842	5,247.82	10.00		5,257.82	\$ 28.12	228.75		175.00			\$ 81.87
Edward Yarnall Fund.....	1860	6,069.23			6,069.23	50.85	258.61		275.00			584.46
Isaiah V. Williamson Fund.....	1876	19,817.40			19,817.40	751.12	399.56		500.00			851.56
Richard T. Jones Scholarship Fund.....	1885	5,056.25			5,056.25	48.58	322.95		300.00			25.03
Mary M. Johnson Scholarship Fund.....	1897	7,023.61		10.00	7,013.61	46.73	341.49		300.00			88.22
Forward.....		\$43,214.31	\$3,719,291.48	\$4,200.66	\$17,039.98	\$43,214.31	\$3,706,452.16	\$146,534.58	\$124,650.24	\$14,250.00	\$998.96	\$7,151.24

*Being \$1,603.37 Additional from Executors less \$13,300 Taxes and Legal Expense.

	FUND ESTAB- LISHED	BOOK VALUE 9/1/1938		PRINCIPAL 1938-1939		BOOK VALUE 8/31/1939		BALANCE 9/1/1938	NET INCOME	INCOME INCOME USED FOR					BALANCE 8/31/1939
				Increased	Decreased					Salaries and General Expenses	Scholar- ships	Books, Etc.	Special Purposes		
Forward.....		\$43,214.31	\$3,719,291.48	\$ 4,200.66	\$17,039.98	\$43,214.31	\$3,706,452.16		\$146,534.58	\$124,650.24	\$14,250.00	\$ 998.96	\$ 7,151.24		
Sarah Marshall Scholarship Fund.....	1897	7,910.76		9.00		7,919.76		47.97	385.72		375.00			58.69	
Clementine Cope Fellowship Fund.....	1899	22,845.86				22,845.86		495.69	730.63		700.00			526.32	
Isaac Thorne Johnson Scholarship Fund.....	1916	7,802.94				7,802.94		324.15	120.88					200.27	
Caspar Wistar Memorial Fund.....	1920	2,951.21				2,951.21		82.55	272.07					54.62	
J. Kennedy Moorhouse Scholarship Fund.....	1926	5,244.60			88.75	5,155.85		74.67	302.50		300.00			127.17	
Louis Jaquette Palmer Memorial Scholarship Fund.....	1928	5,000.00				5,000.00		43.74	271.80		250.00			21.94	
Paul W. Newhall Memorial Scholarship Fund.....	1931	5,045.60				5,045.60		17.42	112.74		100.00			230.16	
Robert Martin Zuckert Memorial Scholarship Fund.....	1935	6,750.00		2,000.00		8,750.00		142.17	298.57		300.00			140.74	
Samuel E. Hilles Endowment.....	1935	5,000.00		17.31		5,017.31		14.94	276.39		250.00			41.33	
Class of 1913 Scholarship Fund.....	1937	3,000.00				3,000.00		5.00	120.00		125.00				
The Augustus Taber Murray Research Scholarship Fund (New).....	1939			21,483.75		21,483.75						Annuity	490.00	490.00	
			114,765.28				138,186.59								
Funds for the Library															
Alumni Library Fund.....	1863	17,435.06				17,435.06			405.51	405.51		Lecture	100.00	Capi- talized	
Mary Farnum Brown Library Fund.....	1892	64,709.68		147.34		64,857.02		140.56	2,693.48			2,310.58	142.34		
William H. Jenks Library Fund.....	1910	5,000.00				5,000.00		113.17						113.17	
Mary Wistar Brown Williams Library Fund.....	1914	20,306.74				20,306.74		360.75	702.14			908.15		154.74	
Anna Yarnall Fund.....	1916	180,184.97			7,133.20	173,051.77			7,049.22	4,953.45		2,095.77			
F. B. Gummere Library Fund.....	1920	635.47				635.47		.16	.95			25.15		25.94	
Edmund Morris Fergusson Jr. Memorial Fund.....	1920	1,002.34				1,002.34		13.53	54.01			72.98		5.44	
Class of 1888 Library Fund.....	1938	5,250.00				5,250.00		26.79	210.00			236.84		.05	
Class of 1918 Library Fund (New).....	1938			1,253.52		1,253.52			34.25			46.75		12.50	
			294,524.26				288,791.92								
Funds for Old Style Pensions															
President Sharpless Fund.....	1907	41,237.08				41,237.08			2,111.98			Pensions	2,111.98		
William P. Henszey Fund.....	1908	36,758.66				36,758.66			1,382.23			"	1,382.23		
Jacob P. Jones Benefit Fund.....	1909	68,113.78				68,113.78			1,561.94			"	1,561.94		
Pliny Earle Chase Memorial Fund.....	1909	3,272.24				3,272.24			179.04			"	179.04		
Haverford College Pension Fund.....	1910	112,020.73		20.00		112,040.73			3,655.62			"	3,655.62		
			261,402.49				261,422.49								
Funds for Special Purposes															
Thomas Shipley Fund.....	1904	5,248.00				5,248.00		686.45	215.52			Lectures	148.75	753.22	
Elliston P. Morris Fund.....	1906	1,126.75				1,126.75		197.20	7.96			29.20	Prize	80.00	
John B. Garrett Reading Prize Fund.....	1908	617.87		630.00		1,247.87		406.66	527.99					95.96	
														934.65	
Special Endowment Fund.....	1909	9,227.07				9,227.07		302.95	297.14			Friends' Counc.on Educ.	25.00		
Scholarship Improvement Prize Fund.....	1913	2,131.22		165.66		2,296.88		44.68	112.03			Rel. Educ. Com.	200.00	225.00	
Elizabeth P. Smith Fund.....	1915	1,027.00				1,027.00		677.08	45.38			Prizes	95.00	375.09	
S. P. Lippincott History Prize Fund.....	1917	2,546.88				2,546.88		160.65	98.00			Prize	35.00	61.71	
Francis Stokes Fund.....	1919	5,120.30				5,120.30		1,044.90	212.57			Prize	100.00	687.46	
												Campus Club	610.50	158.65	
George Peirce Prize Fund.....	1919	1,911.89		51.37		1,963.26			76.37			Capitalized	51.37	646.97	
Lyman Beecher Hall Prize Fund.....	1924	2,155.00				2,155.00		205.85	104.20			Prize	25.00		
Newton Prize Fund.....	1924	1,397.75				1,397.75		255.33	75.57			Prize	100.00	210.05	
Edward B. Conklin Athletic Fund.....	1925	2,400.00				2,400.00			88.85	88.85				330.90	
Arboretum Fund.....	1928	4,587.75				4,587.75		477.15	242.94					720.09	
William Ellis Scull Prize Fund.....	1929	2,000.00				2,000.00		79.86	80.00			Prize	50.00	49.86	
Paul D. I. Maier Fund.....	1936	1,000.00				1,000.00			40.00	20.00		Prize	20.00		
Strawbridge Observatory Maintenance Fund.....	1937	5,017.37			1,177.83	3,839.54		14.99	180.51					165.52	
			47,514.85				47,184.05								
Total of all the Funds.....		\$4,437,498.36		29,978.61	25,439.76	\$4,442,037.21		\$171,643.90	\$130,118.05	\$16,900.00	\$6,824.38	\$18,215.01			

The *Book Value* is \$4,538.85 more than a year ago, as follows:—

Increased:

From Donations for Funds.....	26,340.64	
Income transferred.....	2,591.18	
Gains on Bonds Matured.....	599.89	
Gains on Securities called.....	3,233.30	
Gains on Bonds Sold.....	189.09	
Recovery on investments not valued.....	630.00	33,584.10

Decreased:—

For Taxes and Costs in settling Hilles Bequest.....	13,300.00	
For Equipment paid from Strawbridge Observatory Fund.....	1,177.83	
Loss on Bonds sold.....	1,331.25	
Loss on Bonds called.....	52.50	
Loss on Real Estate sold.....	5,455.76	
Loss in Reorganization of Co.....	555.00	
Loss on Share of Mortgage sold.....	357.27	
Real Estate written down.....	6,815.64	29,045.25
		<u>\$4,538.85</u>

INVESTMENT CLASSIFICATION

The Funds on 8th Month 31, 1939 were invested at Book Values as follows:

Bonds.....	\$1,612,780.48	36.3%
Mortgages.....	692,095.98	15.5
Real Estate.....	706,904.83	15.8
College Lane Real Estate.....	201,500.00	4.7
Oakley House on Campus.....	8,095.00	
Perpetual Insurance.....	46,035.27	1.3
Preferred Stocks.....	289,788.13	6.5
Common Stocks.....	684,598.59	15.4
Cash uninvested due to the Funds.....	200,237.93	4.5
(on which interest is allowed)		
	<u>\$4,442,037.21</u>	<u>100.0</u>

WRIGHT, CARMINT & COMPANY

Accountants and Auditors
1530 Chestnut Street
Philadelphia, Pa.

Rittenhouse 3826
3827

Roy A. Wright, C.P.A.
William H. Carmint

September 29th, 1939

*Board of Managers,
The Corporation of Haverford College,
Haverford, Penna.*

Dear Sir:

We have completed an examination of the accounts of your Treasurer, J. Henry Scattergood, for the fiscal year ended August 31st, 1939.

Cash balances were verified by direct correspondence with your depository. The securities held by the Provident Trust Company of Philadelphia were examined by us, while those held by the Girard Trust Company and the First National Bank & Trust Company, Minneapolis, Minnesota, were certified to us by them and found to be in accordance with the Treasurer's report.

In our opinion, the accompanying statements set forth the result of operation of The Corporation of Haverford College for the fiscal year ended August 31st, 1939.

Very truly yours,
WRIGHT, CARMINT & COMPANY
(Signed) Roy A. Wright
Certified Public Accountant.

DONATIONS

DONATIONS FOR ADDITIONS TO FUNDS

<i>T. Allen Hilles Bequest</i>			
Final payment from Executor.....	\$1,603.37		
<i>Robert Martin Zuckert Memorial Scholarship Fund</i>			
Further donations from Harry M. Zuckert.....	2,000.00		
<i>Augustus T. Murray Research Scholarship Fund</i>			
\$20,000 Par Value Securities from two interested friends.....	21,483.75		
(Subject to Annuities during their lives)			
		\$25,087.12	\$25,087.12

DONATIONS FOR CURRENT PURPOSES

<i>For Prizes</i>			
Class of 1902, S. Percy Jones, Sec'y for Latin Prize...	\$	10.00	
<i>For Books</i>			
From Matzke Royalties.....	54.52		
For French Books—Miss Jeanne d'Estimauville.....	25.00	79.52	
<i>For Music and Fine Arts</i>			
Carnegie Institute of New York.....	12,500.00		
<i>For Art</i>			
Franklin B. Kirkbride.....	10.00		
William P. Phillips.....	25.00		
W. H. Luden.....	200.00		
W. H. Luden, Jr.....	25.00		
Sale of Art Catalogues.....	84.12	344.12	
<i>For Art Lecture</i>			
A Friend.....	100.00		
<i>For Radio Club</i>			
Interest added.....	58.64		
<i>For Scholarships</i>			
New England Alumni, Garrett S. Hoag, Chairman.....	300.00		
F. C. Barr.....	15.00		
E. H. Boles.....	25.00		
W. S. Carpenter, Jr.....	535.00		
Henry S. Drinker, Jr.....	10.00		
C. C. Morris.....	25.00		
William P. Phillips.....	25.00		
Elias Ritts.....	25.00		
Parker S. Williams.....	275.00		
Beta Rho Sigma Society.....	200.00		
Triangle Society.....	200.00	1,635.00	
<i>For Bird Sanctuary</i>			
Edward W. Woolman.....	68.00		
<i>For Care of Cope Field</i>			
A. G. Scattergood, Treasurer.....	50.00		
<i>For Beth Shemesh Exploration Fund</i>			
Dr. Elihu Grant.....	1,000.00		
<i>For Student Loan Fund</i>			
Class of 1911 (Additional).....	137.90		
<i>For Chemical Laboratory Improvements</i>			
Dr. H. S. Arthur.....	\$	200.00	
Dr. James A. Babbitt.....	100.00		
Forward.....	\$300.00	\$15,983.18	\$25,087.12

Forward.....	\$300.00	\$15,983.18	\$25,087.12
Dr. J. C. Birdsall.....	100.00		
Dr. S. Percival Nicholson, Jr.....	10.00		
Dr. Henry M. Thomas, Jr.....	100.00		
Mrs. Clarence A. Warden.....	200.00		
Dr. J. R. Watson.....	20.00	730.00	
<hr/>			
<i>For Addition to Library for Stack Room</i>			
William B. Bell.....	\$ 100.00		
Thomas C. Desmond.....	250.00		
W. Logan MacCoy.....	50.00	400.00	\$17,113.18
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FOR COMMONS ROOM

From the Faculty

C. B. Allendoerfer.....	5.00		
Thomas E. Drake.....	3.00		
Howard Comfort.....	1.00		
W. E. Cadbury, Jr.....	2.00		
Frank W. Fetter.....	8.00		
H. V. Gummere.....	2.00		
A. W. Haddleton.....	2.00		
J. G. Herndon.....	5.00		
J. A. Kelly.....	5.00		
George Montgomery.....	5.00		
Cletus O. Oakley.....	5.00		
L. Arnold Post.....	5.00		
Roy E. Randall.....	3.00		
William A. Reitzel.....	1.00		
E. D. Snyder.....	5.00		
D. V. Steere.....	5.00		
Francis R. Walton.....	3.00		
A. J. Williamson.....	5.00		
Through A. J. Williamson.....	104.94		
Through A. H. Wilson.....	66.00	240.94	
<hr/>			

Mr. and Mrs. L. H. Rittenhouse.....	2 rugs		
<i>From Undergraduates.....</i>	64.50		
<i>From Class of 1938 (Additional).....</i>	6.00		
<i>From Dresden Choir Concert.....</i>	46.73		
<i>From a Friend.....</i>	10.00		

From Alumni

Henry C. Evans.....	5.00		
George T. Butler.....	25.00		
Henry S. Drinker, Jr.....	25.00		
C. Russell Hinchman.....	25.00		
Walter C. Janney.....	25.00		
Morris E. Leeds.....	10.00		
M. Albert Linton.....	10.00		
Ulric J. Mengert.....	10.00		
C. C. Morris.....	15.00		
Arthur V. Morton.....	25.00		
Owen B. Rhoads.....	25.00		
Alfred G. Scattergood.....	25.00		
J. Henry Scattergood.....	25.00		
Joseph W. Sharp, Jr.....	25.00		
Dr. Frederic C. Sharpless.....	10.00		
Jonathan M. Steere.....	10.00		
Allen W. Stokes.....	5.00		
Francis J. Stokes.....	50.00		
J. Stoddell Stokes.....	10.00		
<hr/>			
Forward.....	\$360.00	\$368.17	\$42,200.30

Forward.....	\$360.00	\$368.17	42,200.30
J. Tyson Stokes in memory of Henry W. Stokes.....	300.00		
Francis R. Strawbridge.....	25.00		
Arthur H. Thomas.....	50.00		
Theodore Whittelsey, Jr.....	5.00		
Parker S. Williams.....	50.00		
W. C. Wood.....	25.00	815.00	1,183.17

Frederic H. Strawbridge.....Ping Pong Table

FOR CAMPUS CLUB

Mr. C. B. Allendoerfer.....	\$ 1.00
Mrs. C. B. Allendoerfer.....	1.00
Mrs. E. P. Allinson.....	5.00
Howard A. Andrews.....	1.00
Dr. James A. Babbitt.....	2.50
Mrs. James A. Babbitt.....	2.50
Mrs. Henry L. Balderston.....	1.00
Wilfred Bancroft.....	5.00
T. Ellis Barnes.....	5.00
Daniel B. Boyer.....	2.00
H. Tatnall Brown, Jr.....	2.00
Mrs. Charlotte M. Cadbury.....	1.00
Mr. Francis F. Campbell.....	1.00
Mrs. Francis F. Campbell.....	1.00
Mr. Rowland C. Cocks.....	1.00
Mrs. Rowland C. Cocks.....	1.00
Mrs. Julia Cope Collins.....	2.50
President W. W. Comfort.....	1.00
Mrs. W. W. Comfort.....	1.00
A. C. Dickson.....	1.00
H. A. Dominovich.....	1.00
Henry S. Drinker, Jr.....	5.00
Mr. Emmett R. Dunn.....	1.00
Mrs. Emmett R. Dunn.....	1.00
Mrs. Sydney B. Dunn.....	15.00
Charles Evans.....	5.00
Edward W. Evans.....	2.00
Francis C. Evans.....	1.00
Jonathan Evans.....	2.00
William E. Evans.....	2.00
William T. Ferris.....	5.00
William R. Fry.....	1.00
Mr. John S. Garrigues.....	1.00
Mrs. John S. Garrigues.....	1.00
Mr. Henry V. Gummere.....	1.00
Mrs. Henry V. Gummere.....	1.00
Mr. John F. Gummere.....	1.00
Mrs. John F. Gummere.....	1.00
Richard M. Gummere.....	1.00
Mr. Alfred W. Haddleton.....	1.00
Mrs. Alfred W. Haddleton.....	1.00
Theodore B. Hetzel.....	5.00
Clayton W. Holmes.....	1.00
Mrs. Alba B. Johnson.....	5.00
Mr. Robert J. Johnston.....	2.50
Mrs. Robert J. Johnston.....	2.50
Lewis Jones.....	5.00

Forward.....\$109.50 43,383.47

For Campus Club (Continued)

Forward.....	\$109.50	\$43,383.47
John A. Kelly.....	2.50	
Mrs. Rayner W. Kelsey.....	2.00	
C. Prescott Knight, Jr.....	1.00	
Morris E. Leeds.....	25.00	
M. Albert Linton, Jr.....	2.00	
John C. Lober.....	5.00	
Mr. Dean P. Lockwood.....	1.00	
Mrs. Dean P. Lockwood.....	1.00	
Mr. W. B. Meldrum.....	1.00	
Mrs. W. B. Meldrum.....	1.00	
Walter Mellor.....	5.00	
Robert E. Miller.....	2.00	
Walter L. Moore.....	1.00	
C. C. Morris.....	10.00	
Marriott C. Morris.....	5.00	
William P. Morris.....	5.00	
George Norris, Jr.....	1.00	
Cletus O. Oakley.....	1.00	
Dr. Thomas Parke.....	2.00	
Mr. Harry W. Pfund.....	1.00	
Mrs. Harry W. Pfund.....	1.00	
Mr. L. Arnold Post.....	1.00	
Mrs. L. Arnold Post.....	1.00	
Charles E. Rankin.....	2.00	
Mr. G. Ruhland Rebman.....	5.00	
Mrs. G. Ruhland Rebman.....	5.00	
Mr. Legh W. Reid.....	1.00	
Mrs. Legh W. Reid.....	1.00	
Charles S. Ristine.....	5.00	
Mr. Leon H. Rittenhouse.....	1.00	
Mrs. Leon H. Rittenhouse.....	1.00	
Mr. Anthony W. Robinson.....	2.50	
Mrs. Anthony W. Robinson.....	2.50	
Miss Lillian A. Ross.....	1.00	
Alfred G. Scattergood.....	5.00	
J. Henry Scattergood.....	5.00	
Dr. Frederic C. Sharpless.....	5.00	
Mr. A. K. Smiley.....	5.00	
Mrs. A. K. Smiley.....	5.00	
Albert K. Smiley, Jr.....	1.00	
Daniel Smiley, Jr.....	20.00	
Horace E. Smith.....	10.00	
Jonathan M. Steere.....	10.00	
F. J. Stokes, Jr.....	5.00	
Abram G. Tatnall.....	2.00	
Francis R. Taylor.....	1.00	
Mrs. E. O. Warner.....	1.00	
Mrs. Henry S. Williams.....	2.00	
William M. Wills.....	1.00	
Mr. Albert H. Wilson.....	2.50	
Mrs. Albert H. Wilson.....	2.50	
Thomas Wistar.....	1.00	
Edward M. Wistar.....	5.00	
Mr. Robert B. Wolf.....	2.00	
Mrs. Robert B. Wolf.....	2.00	
Mr. Edward Woolman.....	5.00	
Mrs. Edward Woolman.....	5.00	
Miss Lilian W. Woolman.....	5.00	
Gifford K. Wright.....	5.00	
Sale of Trees.....	3.00	330.00
Forward.....		\$43,713.47

Forward..... \$43,713.47

FOR CENTENARY FUND

For fiscal year ending August 31, from the following classes and a friend of the College:

Class of 1893	1 member.....	\$ 250.00	
Class of 1904	1 member.....	10.00	
Class of 1906	1 member.....	50.00	
Class of 1907	1 member.....	50.00	
Class of 1912	1 member.....	50.00	
Class of 1913	1 member.....	75.00	
Class of 1916	1 member.....	900.00	
Class of 1919	1 member.....	50.00	
Class of 1921	1 member.....	30.00	
Class of 1922	1 member.....	5.00	
Class of 1925	1 member.....	25.00	
Class of 1926	1 member.....	25.00	
Class of 1930	2 members.....	125.00	
Class of 1935	1 member.....	5.00	
A Friend.....		500.00	2,150.00
Total Donations.....			\$45,863.47

REPORT OF
HAVERFORD COLLEGE LOAN FUND

ESTABLISHED 1926

Report No. 13, August 31, 1939

Current Year 1938-1939

Cash balance on hand, August 31, 1938.....	\$ 5,942.70
21 loans repaid during year.....	3,250.00
40 part payments on loans during year.....	1,737.75
Interest received during year.....	1,006.37
Use for loans of 2nd donation of Class of 1911.....	137.90
Remainder of funds in Merion Title & Trust Co.....	715.00

12,789.72

34 loans to students during year.....	\$6,175.00
Funds in Merion Title & Trust Co.....	715.00

6,890.00

Cash balance on hand, August 1, 1939.....	5,899.72
154 loans outstanding, August 1, 1939.....	27,975.85

Total resources, August 31, 1939..... \$33,875.57

Total to August 31, 1939

Appropriations from Jacob P. Jones Endowment Fund.....	\$20,812.04
1st donation from Class of 1911.....	641.30
2nd donation from Class of 1911.....	137.90
Donation from Class of 1939.....	350.27
Donation from A. R. Katz.....	500.00
Donation from Class of 1927.....	900.00
Donation from Class of 1908.....	1,507.96
Gift from C. C. Morris.....	50.00
179 loans repaid.....	26,461.65
182 part payments.....	6,795.78
Interest received.....	7,576.98
1st payment of Merion Title & Trust Co. (2-28-33).....	42.06
2nd payment of Merion Title & Trust Co. (1-4-35).....	84.12

Total receipts..... 65,860.06

Repayment to Corporation.....	\$ 3,000.00
Loans made.....	55,217.50
Repayment of donation, Class of 1927.....	900.00
Funds in Merion Title & Trust Co.....	841.18
Check tax.....	1.66

59,960.34

Cash balance, August 31, 1939.....	5,899.72
154 loans outstanding, August 31, 1939.....	27,975.85

Total resources, August 31, 1939..... \$33,875.57

ENDOWMENT FUNDS

FUNDS FOR GENERAL PURPOSES

GENERAL ENDOWMENT FUND

Founded in 1847 with subscriptions of \$50,000 by a number of Friends. Additions were made as follows: 1868, from an anonymous source, \$5,000; 1869, bequest of Ann Haines to increase the compensation of professors, \$2,670; 1870, bequest of Richard D. Wood, \$18,682.96; 1872, from William Evans, \$1,000; 1874, from executors of Jesse George, deceased, \$5,000; 1880, bequest of Dr. Joseph W. Taylor, \$5,000; 1901, legacy of Ann Williams, \$2,425.50. Present par value, \$104,691.17; book value, \$96,995.14. The income is used for salaries and scholarships.

JOHN FARNUM MEMORIAL FUND

Founded in 1878 by the heirs of John Farnum by gift of \$25,000 as a memorial to him. Added to in 1899 by legacy of \$10,000 from Elizabeth H. Farnum, widow of John Farnum. Present par value, \$42,697.45; book value, \$41,447.71. The income only is to be used to endow a "professorship of some practical science or literature." The chair of chemistry was designated as the "John Farnum Professor of Chemistry." The principal is held in the name of three Trustees for the benefit of The Corporation of Haverford College.

JOHN M. WHITALL FUND

Founded in 1880 by bequest of \$10,000 from John M. Whitall, Sr. Present par value, \$11,087.59; book value, \$10,640.09. The bequest is upon the condition that the art of drawing, especially mechanical drawing, shall be taught, and the income only is to be used, and for this purpose.

DAVID SCULL FUND

Founded in 1885 by bequest of \$40,000 from David Scull, Sr. Present par value, \$48,941.08; book value, \$44,806.59. The income only is to be used to endow a professorship. The chair of biology was designated as the "David Scull Professor of Biology."

EDWARD L. SCULL FUND

Founded in 1865 by net bequest of \$9,500 from Edward L. Scull, '64. The legacy was added to the General Endowment Fund, but in 1888 it was set apart as a separate fund. Present par value, \$9,128.93; book value, \$11,364.35. The income only is to be used. The bequest is free from any legally binding conditions, but it was the testator's desire "that some judicious means shall be employed by the Managers to further advise students on the subjects of diet and reading."

WISTAR MORRIS MEMORIAL FUND

Founded in 1892 by gift of \$5,000 in bonds by Mary Morris, widow of Wistar Morris, as a memorial to him. Present par value, \$5,281.74; book value, \$5,144.24. There are no restrictions. The income is used for general college purposes.

ISRAEL FRANKLIN WHITALL FUND

Founded in 1896 by net legacy of \$9,667.83 from Israel Franklin Whitall. Present par value, \$11,191.37; book value, \$10,781.94. The income only is to be used for the payment of professors or teachers.

JACOB P. JONES ENDOWMENT FUND

Founded in 1897 by residuary legacy of Jacob P. Jones. This amounted when received to par value of \$279,021.60; book value, \$332,301.60, and sundry real estate. The real estate has all been sold, netting \$847,709.92. Present par value of the fund, \$1,238,212.33; book value, \$1,301,375.34. The income only is to be used for general college purposes, and out of said income there shall be admitted a portion at least of the students either free of charge or at reduced rates. In accordance with this provision, about \$7,100 per annum is used for scholarships, and the balance of income for general college purposes. Jacob P. Jones' will contains the following: "My hope is that under the blessing and favor of God there will come from this source a revenue which shall be productive of growth and vigor in the institution as well as help at this critical period of their lives to many deserving young men of slender patrimony."

**JOHN FARNUM BROWN FUND FOR THE STUDY OF THE
BIBLE, BIBLICAL HISTORY AND LITERATURE,
PHILOSOPHY, AND KINDRED SUBJECTS**

Founded in 1900 by the late T. Wistar Brown as a memorial to his son, John Farnum Brown, '93. The original gift was in cash and securities of a par value of \$43,000, shortly afterwards increased by further gifts of \$15,000. The founder made further gifts of cash and securities until 1915, the total being \$19,381 cash and \$48,500 par of securities with book value of \$41,490. His total gifts therefore had a book value of \$234,970.81. Of this, \$5,000 donated in 1910 is for endowment of prizes in Biblical History and in Philosophy. A portion of the income is capitalized each year to keep intact the full value of the fund. Present par value, \$286,488.62; book value, \$275,899.76. The income only is to be used for the purpose of making provision for the regular study of the Bible and Biblical History and Literature, and as way opens for religious teaching. In 1910, the scope and title of the Fund were enlarged to include "and Philosophy and Kindred Subjects." Income up to \$200 may be used for prizes in Biblical Literature and Philosophy.

ELLEN WALN FUND

Founded in 1900 by legacy of \$10,000 from Ellen Waln. Present par value, \$12,238.10; book value, \$11,117.10. There are no restrictions. The income is used for general college purposes.

CLEMENTINE COPE ENDOWMENT FUND

Founded in 1904 by bequest of \$25,000 from Clementine Cope. Present par value, \$25,784.49; book value, \$21,493.67. There are no restrictions. The income is used for general college purposes.

NATHAN BRANSON HILL TRUST

Founded in 1904 by deposit with First National Bank and Trust Co., Minneapolis, Minn., trustee, of a paid-up life insurance policy for \$5,000 by Samuel Hill, '78, being in memory of his father, Nathan Branson Hill. The income is to be used to aid the maintenance of Haverford College so long as it shall remain under the auspices of the Society of Friends. In 1931, Samuel Hill died and the policy realized \$5,039. Present par value, \$4,957.62; book value, \$5,119.29.

JOSEPH E. GILLINGHAM FUND

Founded in 1907 by bequest of \$50,000 from Joseph E. Gillingham. Present par value, \$38,996.87; book value, \$42,394.72. The testator said, "I request, but I do not direct, that part of the income of this legacy may be used for free scholarships for meritorious students." In accordance with this request, \$800 is appropriated annually from the income for scholarships, the balance being used for general college purposes.

HENRY NORRIS FUND

Founded in 1907 by bequest of \$5,000 from Henry Norris. Present par value \$6,094.76; book value, \$5,886.01. There are no restrictions. The income is used for general college purposes.

ELIZABETH H. FARNUM FUND

Founded in 1891. The original principal of this fund, amounting to \$10,000, is held by the Provident Trust Co. of Philadelphia under a deed of trust created by Elizabeth H. Farnum. The first income accrued to the College in 1914. Present par value, \$10,211.69; book value, \$10,220. There are no restrictions to the use of the income, and same is applied to general college purposes.

JAMES R. MAGEE FUND

Founded in 1915 by bequest of \$10,000 from James R. Magee, '59, and added to in 1925, 1926, 1928, 1929, 1930, 1931, 1932, 1936, and 1937, by additional payments of \$29,182.84, \$1,694.84, \$499.31, \$499.68, \$488.85, \$207.33, \$400, and \$250 under his legacy. Present par value, \$43,761.27; book value, \$44,069.88. There are no restrictions except that the income only is to be used. This is applied to general college purposes.

ALBERT K. SMILEY FUND

Founded in 1915 by gift of \$1,000 from Daniel Smiley, '78, as a memorial to his brother, Albert K. Smiley, '49, and added to in 1924 and 1926. Present par value, \$1,517.50; book value, \$1,500. There are no restrictions except that preference was expressed that the income only should be used. This is applied to general college purposes.

THE HINCHMAN ASTRONOMICAL FUND

Founded in 1917 by bequest of \$10,000 par value securities from Charles S. Hinchman. Increased in 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, and 1936 by donations of \$28,926.95 from a friend of the College. Present par value, \$39,710.04; book value, \$39,515.48. The income only to be used "to increase the salary of the astronomical professorship so as to provide a suitable instructor in the ennobling study of the heavens."

WALTER D. AND EDITH M. L. SCULL FUND

Founded in 1918 by bequest of Walter D. Scull, whose death followed shortly after the death of his sister, Edith M. L. Scull. Each left his or her estate to the other, unless predeceased; in this latter case both American estates were left to Haverford College. Both were children of Gideon D. Scull, '43, and resided in England. Income accumulated before the receipt of the fund by the College amounted to \$16,887.66, of which \$15,078.51 was added to the principal of the fund. Present par value, \$122,972.10; book value, \$174,560.31. The fund was created to establish a professorship of modern English constitutional history, and the chair has been designated as the Walter D. and Edith M. L. Scull Professorship of History.

ALBIN GARRETT MEMORIAL FUND

Founded in 1919 by legacy of \$25,000 from Mary Hickman Garrett, in memory of her late husband, Albin Garret, '64. Present par value, \$36,558.75; book value, \$26,771.00. There are no restrictions. The income is used for general college purposes.

ARNOLD CHASE SCATTERGOOD MEMORIAL FUND

Founded in 1919 by gift of \$30,000 in securities from Maria Chase Scattergood in memory of her son, Arnold Chase Scattergood, of the Class of 1919, who died

in his Junior year. Present par value, \$26,566.06; book value, \$24,381.59. The income only is to be used toward the payment of professors' salaries. Should Haverford at any time in the future give instruction or offer courses in Military Training, the fund must be surrendered to Committee on Education of Yearly Meeting of Friends of Philadelphia.

FRANCIS B. GUMMERE MEMORIAL FUND

Founded in 1920. This fund was started by a gift of \$25,000 from the late Miss Emily H. Bourne, of New York, conditional upon the raising of \$100,000 additional for an endowment of the Chair of English Literature in memory of her friend, Professor Francis Barton Gummere. A committee of alumni, consisting of J. Stoddell Stokes, '89, chairman; E. R. Tatnall, '07, treasurer; Hans Froelicher, '12, secretary; Charles J. Rhoads, '93; Alfred M. Collins, '97; Winthrop Sargent, Jr., '08, and Parker S. Williams, '94, working with President Comfort, organized a comprehensive campaign among the alumni and friends of the College to raise \$375,000 for this purpose and for increase of professors' salaries; the first \$100,000 of unspecified gifts was used to complete the Francis B. Gummere Memorial Fund to at least \$125,000, and the balance comprised the Isaac Sharpless Memorial Fund. Total par value, \$124,246.26; book value, \$125,569.51.

ISAAC SHARPLESS MEMORIAL FUND

Founded in 1920. The alumni of the College conducted during 1920 a campaign for \$375,000 additional endowment for the College to make possible additional salaries to the professors. Appeal was made to found two new funds, the Francis B. Gummere Memorial Fund and the Isaac Sharpless Memorial Fund. The funds received, except where otherwise specified, were first applied to the completion of the former up to \$125,000 (see above). Specified gifts and donations thereafter received were then applied to the Isaac Sharpless Memorial Fund. The income only is to be used for salaries of professors. Total par value, \$223,091.67; book value, \$218,728.43.

GENERAL EDUCATION BOARD FUND

The General Education Board of New York appropriated \$125,000 in 1920 to the campaign for increase of endowment when the Francis B. Gummere Memorial Fund and the Isaac Sharpless Memorial Fund, totaling \$375,000, were raised. Interest at five per cent was paid on the full sum for three years, and the \$125,000 in full payment was completed in 1926-1927. Total par value, \$120,504.88; book value, \$126,076.83.

HAVERFORD IMPROVEMENT FUND

Founded in 1922 to hold the Corporation's undivided share in College Lane land and eight houses. This property was turned over to the Corporation free of debt on Third Month 17, 1922, and with same the then debt of the Corporation amounting to \$155,942.15 was liquidated. The fund started with an undivided interest of \$19,000. There was added in 1922, \$9,000; and in 1925, \$2,000. In 1926, \$5,000 of this fund was sold and the proceeds were appropriated for the alterations to Roberts Hall. The balance of this fund, \$25,000, was also used in 1927 for the same purpose. The income was used for general college purposes. It is hoped that this fund may be refunded from the Centenary Campaign, a part of which was planned to cover the Roberts Hall alterations.

The College Lane land was purchased in 1886 for the benefit of the College by David Scull, Justus C. Strawbridge, Richard Wood and Francis Stokes, Managers of the College and now all deceased. With contributions raised by them and by mortgages on which they went on the bonds, funds were raised to build six dwelling houses, and two houses were built by the Corporation itself. From the income of the houses the debt against the properties was gradually reduced until it was entirely liquidated in 1919. The net income from 1919 until 1922, when the property was turned over to the Corporation, was applied toward the reduction of the Corporation's debt.

CENTENARY FUND

Centenary Fund (1) was founded in 1926 by gifts to the College in anticipation of the one hundredth anniversary of its founding in 1833. There were no restrictions and the income was used for general college purposes until 1935, when the principal was used in the liquidation of debt.

In 1935 a further campaign among the Alumni was conducted under the direction of William M. Wills, '04, to add to the funds raised in commemoration of the Centenary. This was designated as Centenary Fund (2), but in 1935-1936 the payment of pledges to (1) were merged with (2) at the request of donors, and the two accounts are now considered as one.

During 1936-1937, \$9,000 additional donations were made by members of the Strawbridge family, and of these \$3,372.63 were transferred for the final cost of the William J. Strawbridge '94 Memorial Astronomical Observatory, and \$5,627.37 were set aside to establish the Strawbridge Observatory Maintenance Fund. Other additional gifts of \$16,017.04 were made in 1936-1937, \$7,700 in 1937-1938, and \$2,150 in 1938-1939, bringing the totals contributed to both funds to date, for the Observatory \$47,000, and for other uses \$145,932.55.

From the \$16,017.04, together with \$1,550 realized from a previous gift of an investment, the balance of the debt for pension contributions \$12,022.57 was met, \$5,544.47 was applied to the debt for accrued deficits, \$7,700 was applied to the operating year 1937-1938, and \$2,150 to that of 1938-1939.

There remains one investment in this fund not yet realized upon with a par value of \$750 and book value of \$240.

WILLIAM PENN FOUNDATION

Started in 1926 toward a fund of \$120,000 to establish a chair or lectureship in Political Science and International Relations. This fund forms a part of the Centenary program to raise \$1,000,000. This foundation is to be devoted, at the discretion of the Managers, to providing adequate undergraduate instruction in the theory and practice of our own and other governments, in the history of past attempts to secure international agreements and in the methods by which good international understanding may be promoted and maintained. Par value, to date, \$96,912.50; book value, \$102,067.43.

WALTER CARROLL BRINTON MEMORIAL FUND

Founded in 1920 by gift of \$5,000 by the family of Walter Carroll Brinton, Class of 1915, who died in France, Twelfth Month 8, 1918, while engaged in Friends' Reconstruction Work. The fund sustained the Walter Carroll Brinton Scholarship until 1926-1927. It was then increased \$6,000 by further gifts of the founders, and at their request the purpose was changed from a scholarship fund to form a separately named fund of the William Penn Foundation, with its income to be used for the same objects. Present par value, \$14,359.42; book value, \$14,125.79.

CORPORATION FUND

Founded in 1928 by setting aside \$70,000 of proceeds from sale of 5.811 acres of land on the southern boundary and at the southeastern corner of the College farm. In 1937, the fund was increased \$8,810, being proceeds of the sale of 1.762 acres of land to the Philadelphia Skating Club and Humane Society for their new ice skating rink. Present par value, \$37,127.75; book value, \$80,010.00. The fund is invested and the income used for general college purposes, until otherwise directed by the Managers.

ELIZABETH J. SHORTRIDGE FUND

Founded in 1930 by bequest from Elizabeth J. Shortridge, without restrictions. The fund is invested, and until otherwise directed by the Managers, the income only is used for general purposes. Present par value, \$10,938; book value, \$10,000.

HOWARD COMFORT MEMORIAL FUND

Founded in 1934 and added to in 1935, 1936, and 1937 by donations totaling \$5,000 from President William Wistar Comfort in memory of his father, Howard Comfort, Class of 1870, who was a Manager from 1880 until his death in 1912, and Secretary of the Board of Managers from 1884 until 1908. The income only is to be used, and for general purposes. Present par value, \$5,071.63; book value, \$5,027.31.

EMMA RIDGWAY COMLY FUND

Founded 1935 by bequest of \$50,000 from Emma Ridgway Comly, a Philadelphia Friend. The bequest was unrestricted as to both principal and income. The income is used for general purposes. Present par value, \$21,279.06; book value, \$49,987.50.

ELLEN W. LONGSTRETH FUND

Founded 1935 by bequest of \$20,000 and her residuary estate from Ellen W. Longstreth, a Friend belonging to Haverford Meeting, and living in Bryn Mawr. The principal and income are both unrestricted. The bequest of \$20,000 and \$84,-416.28 in 1935-1936, \$3,338.69 in 1936-1937, and \$73.33 in 1938 from the residuary estate have been received, making \$107,828.30 in all. There are some parcels of real estate not yet liquidated, which will somewhat increase this fund. The income is used for general purposes. Present par value, \$97,532.30; book value, \$110,650.82.

ALBERT L. BAILY FUND

Founded in 1936 by an unrestricted bequest of \$5,000 from Albert L. Baily, '78. The income is used for general purposes. Present par and book values, \$5,000.

ELIZABETH B. WISTAR WARNER FUND

Found First Month 16, 1937, by unrestricted bequest of \$4,950 from Elizabeth B. Wistar Warner, of Germantown, widow of George M. Warner, '73. The income is used for general purposes. Present par value, \$57.46; book value, \$4,950.

T. ALLEN HILLES BEQUEST

Founded First Month 19, 1937, by receipt of the proceeds of a trust fund created in 1935 by T. Allen Hilles, class of 1870, formerly of Wilmington, Delaware, recently of Glen Mills, Pa., who died 11th Month 15, 1935. The amount received in stocks and cash was \$285,000. Proceeds of mortgages of \$7,460.94 in 1938, and final cash from executor in 1939 of \$1,603.37 brought the gross total to \$294,064.31. From this was deducted in 1939 the final settlement of taxes and fees totalling \$13,300, thus making the final net bequest \$280,764.31. Accumulated income of \$12,489.77 was also received on First Month 19, 1937. In the trust created by the donor in 1935 he provided: "The gift to Haverford College shall constitute a fund to be known as 'The Hilles Bequest,' and the income shall be used for repair, upkeep and improvement of the building which I have given to Haverford College known as the Hilles Laboratory of Applied Science of Haverford College. My purpose in making this gift is primarily to relieve the Corporation of Haverford College from any additional expense on account of the erection of the building which I have given them, and the accompanying expansion of its educational activities, but whenever and if the Board of Managers or other governing body of the College shall determine it to be for the best interest of the College to devote the whole or any part of the income of the fund to uses other than those above specified, such income may be applied to such uses and in such manner as the Board of Managers or other governing body may in its absolute discretion determine." Present par value, \$103,191.57; book value, \$280,764.31.

LEONARD L. GREIF, JR., AND ROGER L. GREIF FUND

Founded Ninth Month 29, 1937, by gift of \$1,000 from Leonard L. Greif, '34, and Roger L. Greif, '37, of Baltimore. The gift was unrestricted, but the Managers have set aside this fund as endowment for general purposes, the income only to be used, but otherwise determined by them. Present par and book values, \$1,000.

EDWARD M. WISTAR FUND

Founded First Month 9, 1938, by gift of \$2,500 from Edward M. Wistar, '72, for endowment, the income only to be used for general purposes. Present par value, \$475.40 and no par stock; book value, \$2,500.

FUND FOR GRADUATE SCHOOL**MOSES BROWN FUND**

A trust founded by T. Wistar Brown, in 1906, as a memorial to his father, Moses Brown. Transferred to the College in 1916 after his death, having at that time a par value of \$372,821.91 and book value of \$318,823.56. Present par value, \$359,283.84; book value, \$347,678.26. The fund was created to establish a graduate course in religious study in harmony with and supplementary to the teaching and study provided for by the John Farnum Brown Fund. The income only is to be used; at least ten per cent of the total income must be capitalized each year. The unused income, if any, is likewise capitalized at the close of each fiscal year. The graduate school supported by the Moses Brown Fund was designated "The Tromas Wistar Brown Graduate School." In 1927 the former separate school was discontinued and eight graduate scholarships were created.

In 1937-1938, arrangements were made for cooperation in courses with Pendle Hill, a school for religious education, located at Wallingford, Pa.

FUNDS FOR INFIRMARY**INFIRMARY ENDOWMENT FUND**

Founded in 1911 from subscriptions totaling \$9,072.55, raised among alumni and friends of the College. Present par value, \$9,750.94; book value, \$9,653.44. The income is used toward the expenses of the Morris Infirmary.

JOHN W. PINKHAM FUND

Founded in 1911 by legacy of \$5,000 from Dr. John W. Pinkham, '60, being transmitted by gift from his widow, Cornelia F. Pinkham. Present par value, \$5,499.50, and book value, \$5,059.50. There are no binding conditions, but as she expressed an interest in the Morris Infirmary, then building, the Board of Managers directed that the income of this fund should be used in the support and maintenance of the Infirmary.

FUND FOR HAVERFORD UNION**HAVERFORD UNION FUND**

Founded in 1920 by gift of \$1,000 par value of bond at book value of \$800 and \$678.59 cash, and all the personal property in the Union from the Haverford College Union. The College assumed the responsibility for the care of the building First Month 16, 1920. The income is used toward the maintenance of the Union building. Present par value, \$2,212.32; book value, \$1,878.82.

FUNDS FOR SCHOLARSHIPS**THOMAS P. COPE FUND**

Founded in 1842 by gift of sixty shares of Lehigh Coal and Navigation Co. stock, par value \$3,000, from Thomas P. Cope. Present par value, \$5,294.69;

book value, \$5,257.82. The income only is to be used "for the education of young men to qualify them to become teachers, but who are not of ability to pay their own schooling." The fund sustains the Thomas P. Cope Scholarships.

EDWARD YARNALL FUND

Founded in 1860 by bequest of \$5,000 from Edward Yarnall. Present par value, \$5,719.33; book value, \$6,069.23. The income only is to be used for "the support of free scholarships." The fund sustains the Edward Yarnall Scholarships.

ISAIAH V. WILLIAMSON FUND

Founded in 1876 and increased in 1883 by gifts of sundry ground rents from Isaiah V. Williamson. Present par value, \$22,791.56; book value, \$19,817.40. The income only is to be used for free scholarships. The fund sustains the Isaiah V. Williamson Scholarships.

RICHARD T. JONES SCHOLARSHIP FUND

Founded in 1885 by bequest of \$5,000 from Jacob P. Jones as a memorial to his late son, Richard T. Jones, '63. Present par value, \$5,896.25; book value, \$5,056.25. The income only is to be used to sustain the "Richard T. Jones Scholarship."

MARY M. JOHNSON SCHOLARSHIP FUND

Founded in 1897 by bequest of \$5,000 from Mary M. Johnson. Accrued interest before payment to the College increased the fund by \$3,062.95. Present par value, \$7,614.35; book value, \$7,013.61. The bequest was to establish a "perpetual scholarship." The fund sustains the Mary M. Johnson Scholarships.

SARAH MARSHALL SCHOLARSHIP FUND

Founded in 1897 by bequest of \$5,000 from Sarah Marshall. Accrued interest before payment to the College increased the fund by \$2,589.49. Present par value, \$8,040.83; book value, \$7,919.76. The bequest was to establish a "perpetual scholarship." The fund sustains the Sarah Marshall Scholarships.

CLEMENTINE COPE FELLOWSHIP FUND

Founded in 1899 by gift of \$25,000 from Clementine Cope. Present par value, \$26,270.77; book value, \$22,845.86. The gift was to establish the "Clementine Cope Fellowship Fund to assist worthy and promising graduates of Haverford College in continuing their course of study at Haverford or at some other institution of learning in this country or abroad." The selection of the Fellows is made by the Board of Managers upon nomination by the Faculty.

ISAAC THORNE JOHNSON SCHOLARSHIP FUND

Founded in 1916 by gift of \$5,000 from Isaac Thorne Johnson, '81. Present par value, \$8,005.94; book value, \$7,802.94. The gift was to establish "The Isaac Thorne Johnson Scholarship to aid and assist worthy young men of Wilmington Yearly Meeting or of the Central West to enjoy the privileges of Haverford College." Unused income is added to the principal of the fund.

CASPAR WISTAR MEMORIAL SCHOLARSHIP FUND

Founded in 1920 by gift of Edward M. and Margaret C. Wistar of \$5,000 par value in bonds in memory of their son, Caspar Wistar, of the Class of 1902, who died in Guatemala in 1917 while engaged in mission service in that country. The income only is to be used for scholarships, primarily for sons of parents engaged in Christian service, including secretaries of Young Men's Christian Associations, or

students desiring preparation for similar service in America or other countries. Present par value, \$5,278.14; present book value, \$2,951.21.

J. KENNEDY MOORHOUSE SCHOLARSHIP FUND

Founded in 1926 by gifts totaling \$3,000, with \$1,000 added in 1926, and \$1,000 in 1928 and \$1,000 in 1929 from the Class of 1900 in memory of their classmate, J. Kennedy Moorhouse. The scholarship provided by this fund is "to be awarded, whenever a vacancy shall occur, to the boy ready to enter the Freshman class, who in the judgment of the President of the College appears best fitted to uphold at Haverford the standard of character and conduct typified by J. Kennedy Moorhouse, 1900, as known to his classmates: A man, modest, loyal, courageous, reverent without sanctimony; a lover of hard play and honest work; a leader in clean and joyous living." Present par value, \$5,176.72; book value, \$5,155.85.

LOUIS JAQUETTE PALMER SCHOLARSHIP FUND

Founded in 1928 by gift of \$5,000 from Triangle Society, as follows:

"The Triangle Society of Haverford College herewith presents to the Corporation of Haverford College a fund of Five Thousand Dollars (\$5,000) to be hereafter known and designated as the 'Louis Jaquette Palmer Scholarship Fund';

"This fund represents contributions from the members of the Triangle Society of Haverford College who have been thus inspired to perpetuate the memory of their fellow member, Louis Jaquette Palmer, of the Class of 1894, one of the founders of the Triangle Society, whom they admired for his cooperative spirit and constructive interest in student and community welfare. The fund is placed with the Corporation of Haverford College with the understanding:

"That such student shall be selected from a list of those eligible for entrance to Haverford College, who shall have combined in his qualifications the fulfillment of such conditions as apply to applicants for the Rhodes Scholarships under the terms of its creation, and furthermore that the student so selected and entered in Haverford College may continue to receive said scholarship fund throughout his course at College, subject to the approval of the Committee, otherwise preference shall be given to applications for the Freshman Class;

"That the selection of said student and the determination of the qualities and conditions hereinbefore mentioned shall be subject to the decision and control of a committee of three (3), which committee shall be composed of two (2) members of the Triangle Society and the President of Haverford College, the said members of the Triangle Society to select and recommend the applicants and the committee as a whole to determine their qualifications and eligibility.

"Finally, in the event that no student is selected by the Triangle Society or that a vacancy occurs, the income from said funds and any additions shall accumulate as provided under the customary rules and regulations of the Corporation of Haverford College."

Par value, \$5,097.50; book value, \$5,000.

PAUL W. NEWHALL MEMORIAL SCHOLARSHIP FUND

Established in 1931 by bequest of \$5,045.60 from Mary Newhall in memory of her father, Paul W. Newhall, a Manager, 1844-48, for the establishment of a scholarship fund. The income only to be used for free scholarship purposes. Present par value, \$3,635.60; book value, \$5,045.60.

ROBERT MARTIN ZUCKERT MEMORIAL SCHOLARSHIP FUND

Founded in 1935 by gift of \$750, \$2,000 in 1935-1936, \$2,000 in 1936-1937, \$2,000 in 1937-1938 and \$2,000 in 1938-1939, by Harry M. Zuckert, New York, in memory of his son, Robert Martin Zuckert, of the Class of 1936, who was killed in an accident in June, 1935. The income is to be used for a scholarship and the donor said, "I should prefer a boy who is a native of New York or Connecticut and who now resides in one of those States." Present par and book values, \$8,750.00.

**SAMUEL E. HILLES ENDOWMENT
CREATED BY MINA COLBURN HILLES**

Founded in 1935 by gift of \$5,000 from Mrs. Mina Colburn Hilles, or Orlando, Fla., in memory of her husband, Samuel E. Hilles, Class of 1874, formerly of Cincinnati, who died in 1931. This fund was created under a trust deed with Central Title and Trust Co., Orlando, Fla., to whom annual reports are to be made. The income only is to be used for scholarships for worthy students who are unable to finance their expenses at Haverford College. Present par value, \$5,074.45; book value, \$5,017.31.

CLASS OF 1913 SCHOLARSHIP FUND

Founded Fourth Month 15, 1937, by gift of \$3,000 from Class of 1913 for the endowment of scholarship aid. The income only is to be used for scholarship aid, to be awarded annually to a worthy student of any undergraduate class. Preference is to be given to sons of members of the Class of 1913 who may apply and who meet the usual requirements of the College. Present par and book values \$3,000.

THE AUGUSTUS TABER MURRAY RESEARCH SCHOLARSHIP FUND

Founded Fifth Month 31, 1939 by gift from two anonymous friends of Dr. Augustus Taber Murray, '85, by gifts of \$20,000 par value of securities subject to annuity during their lives, and with permission to use principal for the annuity payments, if necessary.

Upon the deaths of the two annuitants, the remaining principal shall be held in a fund, the "Income to be used for scholarships in recognition of the scholarly attainments of Augustus Taber Murray, a distinguished Alumnus of Haverford College, of the Class of 1885, and for many years a professor of Leland Stanford University, the fund to be known as 'The Augustus Taber Murray Research Scholarship.' Then scholarships in English literature or philology, the classics, German literature or philology (in order of preference) shall be awarded upon such terms and conditions as the College may from time to time establish to students who have received the bachelor's degree at Haverford College, and shall be awarded for the purpose of study in other institutions toward the degree of Doctor of Philosophy or such degree as may in the future correspond to that degree."

The amount of the Scholarship is to be \$900 a year whenever awarded, and only unmarried students are eligible to hold it.

FUNDS FOR THE LIBRARY

ALUMNI LIBRARY FUND

Founded in 1863 by contributions from the alumni and other friends of the College. In 1909 the unexpended balance (about \$5,000) of a fund of \$10,000 raised in 1892, and known as the "New Library Fund," was merged into the Alumni Library Fund. Present par value, \$19,300.67; book value, \$17,435.06. The income is used for binding and miscellaneous expenses of the Library.

MARY FARNUM BROWN LIBRARY FUND

Founded in 1892 by gift of \$20,000 from T. Wistar Brown, executor of the Estate of Mary Farnum Brown. Additions were made by T. Wistar Brown in 1894, \$10,000 for a lecture fund, and in 1913, \$20,000. In 1916, after T. Wistar Brown's death, there was added to this fund \$34,499.78 par value of securities, book value, \$30,149.78, being a trust which he had created for this purpose in 1908 and to which he had made additions in subsequent years. Present par value, \$68,453.68; book value, \$64,857.02. The purpose of this fund (except \$10,000) is for the increase and extension of the Library. The income only is to be used for the purchase of books, and one-fifth of same is to be spent for books promoting the increase of Christian knowledge. The books purchased with the income of this fund are marked by a special book-plate. The income of \$10,000 of the fund

is to provide for an annual course of lectures upon Biblical subjects designated "The Haverford Library Lectures." Unused income from the fund, if any, must be capitalized at the end of each fiscal year.

WILLIAM H. JENKS LIBRARY FUND

Founded in 1910 by gift of \$5,000 from Hannah M. Jenks, widow of William H. Jenks. The fund was first known as "Special Library Fund," but after the death of Hannah M. Jenks was changed, in 1916, to "William H. Jenks Library Fund." Present par value, \$6,102.12; book value, \$5,000. The purpose of this fund is that the income shall be used for the care of the collection of Friends' books made by William H. Jenks and given by his widow to Haverford College, and to make appropriated additions thereto. Any income not used for these purposes may be used toward the general needs of the Library.

MARY WISTAR BROWN WILLIAMS LIBRARY FUND

Founded in 1914 by gift of \$20,000 from Parker S. Williams, '94, as a memorial to his late wife, Mary Wistar Brown Williams. Present par value, \$20,381.74; book value, \$20,306.74. The income only is to be used for the purchase of books for the Library, preferably books coming within the classes of history, poetry, art, and English and French literature. The books purchased with the income of this fund are marked by a special book-plate.

ANNA YARNALL FUND

Founded in 1916 by residuary bequest of \$13,000 par value of securities with book value of \$7,110, and one-half interest in suburban real estate from Anna Yarnall. Additional amount under bequest was received in 1918. Present par value, \$161,128.39; book value, \$173,051.77. The real estate was sold in 1923 and netted the College \$164,820.50. The bequest was made for the general use of the Library. The testatrix says, "I do not wish to restrict the managers as to the particular application of this fund, but desire them to use the income arising from it as in their best judgment and discretion shall seem best, for the purchase of books and manuscripts, book cases, rebinding of books, and, if need be, the principal or portions thereof, or the income or portions thereof, for additions to the present Library building, or the erection of new Library buildings. I direct that all books purchased with this fund shall be plainly marked 'Charles Yarnall Memorial' in memory of my father, Charles Yarnall."

F. B. GUMMERE LIBRARY FUND

Founded in 1920 by gift of \$635.47, raised among the students by the Students' Association of the College as a memorial to Professor Francis Barton Gummere. The income only is to be used to buy for the Haverford College Library books on the subjects that he taught or was interested in.

The student's Association voted also to raise twenty-five dollars for a special shelf in the Library to be known as the "F. B. Gummere Memorial Shelf." This shelf, with its proper inscription, holds the books purchased by this fund. Present par and book values, \$635.47.

EDMUND MORRIS FERGUSSON, JR., CLASS OF 1920 MEMORIAL FUND

Founded in 1920 by memorial gift of \$1,000 from the family of Edmund Morris Fergusson, Jr., Class of 1920, who died at the College in his Senior year. The income only is to be used for the maintenance and increase of the Library's Department of English and American Literature. The books purchased with the income of this fund are marked by a special book-plate indicating its source. Present par and book values, \$1,002.34.

CLASS OF 1888 LIBRARY FUND

Founded Sixth Month 15, 1938, by gifts totaling \$5,250 from members and families of the Class of 1888, on the occasion of their fiftieth anniversary. The conditions of the gift are as follows:

- (1) A fund is to be established, to be known as "THE CLASS OF 1888 LIBRARY FUND."
- (2) The income only of this fund is to be used exclusively for the purchase of books for the Haverford College Library, except as noted below (in Clause 6).
- (3) The fund established now will be added to later by gift or bequest.
- (4) Members of the Class also expect to donate books to the Library, with the understanding that when such books are duplicates of books already in the Library, they may be exchanged for books needed, or sold, and the money so obtained used in the same way as the income of the fund.
- (5) All books purchased by the income of the fund (or obtained as in 4) are to be provided with a special book-plate to be furnished by the Class.
- (6) Income from the Class Fund or moneys obtained by sale of duplicate books may, when necessary, be used for binding or repair of books designated as belonging to the Class collection.

CLASS OF 1918 LIBRARY FUND

Founded Third Month 24, 1938 by gift from the Class of 1918 in commemoration of their twentieth anniversary. The gift was \$1,753.52 of which \$500 was spent for a portrait of the late Rayner W. Kelsey, Professor of History, who died Tenth Month 29, 1934; and the balance of \$1,253.52 was used in establishing a new Library Fund, the income to be used for books.

FUNDS FOR PENSIONS**PRESIDENT SHARPLESS FUND**

Founded in 1907 by contributions from interested friends of the College, finally amounting to \$40,000. Present par value, \$42,991.99; book value, \$41,237.08. The income is to be used for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for old style pensions, or, if not needed for pensions, is capitalized in said fund.

WILLIAM P. HENSZEY FUND

Founded in 1908 by gift of \$10,000 from William P. Henszey, donated in connection with the raising of the President Sharpless Fund, but kept as a separate fund. Increased in 1909 by legacy of \$25,000 from William P. Henszey. Present par value, \$36,894.66; book value, \$36,758.66. The income is to be used, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for old style pensions, or, if not needed for pensions, is capitalized in said fund.

JACOB P. JONES BENEFIT FUND

Founded in 1909 and increased in 1910 by proceeds of land sold for account of Jacob P. Jones legacy. Present par value, \$71,728.93; book value, \$68,113.78. The income is to be used, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. The income from this fund is annually transferred to the Haverford College Pension Fund for old style pensions, or, if not needed for pensions, is capitalized in said fund.

PLINY EARLE CHASE MEMORIAL FUND

Founded in 1909 by transfer to the College of a fund raised in 1887 in memory of Professor Pliny Earle Chase, and amounting to par value of \$4,173.04. Present par value, \$4,166.04; book value, \$3,272.24. The income of this fund is used, as in the President Sharpless Fund, for the teachers and professors of Haverford College as the President of the College and his successors, with the approval of the Board of Managers, may decide. This income is transferred annually to the Haverford College Pension Fund, for old style pensions, or, if not needed for pensions, is capitalized in said fund.

HAVERFORD COLLEGE PENSION FUND

Founded in 1920 and added to since, being accumulations of income from the President Sharpless Fund, the William P. Henszey Fund, the Jacob P. Jones Benefit Fund and the Pliny Earle Chase Memorial Fund, not needed for pensions. Present par value, \$114,629.76; book value, \$112,040.73. The income from this fund, together with the income from the four above-mentioned funds, is used for old style pensions. Income not needed for pensions was capitalized until 1932; then any unused income was used toward the College's share in cost of new contributory pensions with the Teachers' Annuity and Insurance Association. Now the old style pensions call for more than the income of all these Pension Funds. When the proper time comes in an actuarial sense, the principal of this fund can be used as well as the income for the old style pensions until they cease.

FUNDS FOR SPECIAL PURPOSES**THOMAS SHIPLEY FUND**

Founded in 1904 by gift of \$5,000 from the late Samuel R. Shipley as a memorial to his father, Thomas Shipley. Present par value, \$5,363.10; book value, \$5,248. The income only to be used for lectures on English Literature at the College. In case of actual need, at the discretion of the President of the College, the income can be used for general expenditures.

ELLISTON P. MORRIS FUND

Founded in 1906 by gift of \$1,000 from Elliston P. Morris, '48. Present par value \$1,199.25; book value, \$1,126.75. The income is to be used as a prize for essays to be written by students on the subject of Arbitration and Peace. "The Elliston P. Morris Prize" of \$80 is given in alternate years, the competition being open to all undergraduates and to graduates of one year's standing.

In 1929, it was determined, with the consent of the family of Elliston P. Morris, that until otherwise disposed this prize shall be discontinued and the income shall be used for the purchase of library books on arbitration and peace.

JOHN B. GARRETT READING PRIZE FUND

Founded in 1908 by a gift of \$2,000 par value of bonds by the late John B. Garrett, '54. It was the purpose of the donor to ensure the permanence of a prize or prizes for Systematic Reading, which he had given for a number of years. The prizes were not awarded from 1922 to 1939 on account of default of the bonds. Reorganization has resulted in 1939 in sufficient recovery of value to provide again for this prize. Present par and book value \$1,247.87.

SPECIAL ENDOWMENT FUND

Founded in 1909 by gift of \$12,000 par value of bonds, book value \$11,800, from an anonymous donor. Present par value, \$6,201.19; book value, \$9,227.07. The income only of this fund to be used "to furnish opportunity for study of social and economic and religious conditions and duties connected therewith, especially from a Christian point of view." The income is used toward the expenses of Summer Schools for Religious Study, which have been held at Haverford and Swarth-

more Colleges from time to time, and also for religious education under Friends' care.

On Fifth Month 16, 1930, the Managers adopted the following amendment, made at the suggestion of the donor, now revealed to be John Thompson Emlen, 1900: "If, however, it shall in the course of time be deemed advisable by the President and the Managers that the income of this fund can be used more profitably by the College for other purposes than those herewith stated, it is my desire that they shall act in accordance with their judgment."

SCHOLARSHIP IMPROVEMENT PRIZE FUND

Founded in 1913 by gift of \$2,000 par value of bonds, book value, \$1,200, from John L. Scull, '05. Present par value, \$2,092.39; book value, \$2,296.88. The income only to be used to establish two prizes of \$50 and \$45 annually to the two students in the graduating class showing the most marked and steady improvement in scholarship during their college course.

ELIZABETH P. SMITH FUND

Founded in 1915 by bequest of \$1,000 from Elizabeth P. Smith. Present par value, \$1,032; book value, \$1,027. The income only to be used as a prize for the best essays on Peace written by students of the College.

S. P. LIPPINCOTT HISTORY PRIZE FUND

Founded in 1917 by gift of \$2,500 par value of bonds, book value, \$2,546.88, from beneficiary of the estate of S. P. Lippincott, '86. Present par value, \$2,500; book value, \$2,546.88. The income only to be used as an annual history prize, which is designated "The S. P. Lippincott History Prize." The award is to be made on the basis of Final Honors. In any year when no award is made, the income is to be used for the purchase of library books in the field of the unawarded prize.

FRANCIS STOKES FUND

Founded in 1919 by gift of \$5,000 in securities, book value, \$5,000, from Francis J. Stokes, '94, in memory of his father, Francis Stokes, of the Class of 1852, and a Manager of Haverford from 1885 until his death in 1916. Present par and book values, \$5,120.30. The income is to be used for extending the planting of trees and shrubs on the College grounds. The wish is expressed, but not as a binding condition of the gift, that the Campus Club should have the direction of the expenditure of this income.

GEORGE PEIRCE PRIZE FUND

Founded in 1919 by gift of \$600, and increased in 1920 by further gift of \$400, from Harold and Charlotte C. Peirce in memory of their deceased son, George Peirce, '03. Present par and book values, \$1,963.26. The income only is to be used for a prize, to be called the George Peirce Prize in Chemistry or Mathematics, to the student who, in the opinion of the Faculty, has shown marked proficiency in either or in both of these studies and who wishes to follow a profession which calls for such preparation. Unused income is capitalized, as requested by the founders of the fund.

LYMAN BEECHER HALL PRIZE FUND

Founded in 1924 by donation of securities of par value, \$2,000, book value, \$1,820, from the Class of 1898 in commemoration of their 25th anniversary of graduation to establish an annual prize of \$100 in Chemistry in honor of Doctor Lyman Beecher Hall, Professor of Chemistry at Haverford College from 1880 to 1917. Present par and book values, \$2,155.00.

NEWTON PRIZE FUND

Founded in 1925 by donation of five shares of General Electric Co. stock by A. Edward Newton, par value, \$500, and book value, \$1,348.25. Present par value, \$120.46 and no par shares; book value, \$1,397.75. The income only is to be used for "The Newton Prize in English Literature to the undergraduate who shall submit the best essay on some subject connected with English literature." In 1930, the award was changed to be on the basis of Final Honors, and in any year when no award is made the income is to be used for the purchase of library books in the field of the unawarded prize.

EDWARD B. CONKLIN ATHLETIC FUND

Founded in 1925 and added to in 1926, 1927 and 1929 by Frank H. Conklin, '95, in memory of his brother, Edward B. Conklin, '99. Present par value, \$2,307, and book value, \$2,400. The income is to be used without restriction in any branch of athletics.

ARBORETUM FUND

Founded in 1928 by setting aside \$5,000 from proceeds from sale of 5.811 acres of land on the southern boundary and southeast corner of the College farm. Until otherwise ordered by the Managers, the fund is to be invested and the income only is to be used under the direction of the Campus Club for trees and shrubs upon the College grounds, or for their care, or for other similar purposes. Present par value, \$5,852.48; book value, \$4,587.75.

WILLIAM ELLIS SCULL PRIZE FUND

Founded in 1929 by William Ellis Scull, '83, by a gift of \$2,000. The income is to be used annually, so long as the Managers may judge expedient, as a prize to be awarded at Commencement by the Faculty to that upper classman who in their judgment shall have shown the greatest improvement in voice and the articulation of the English Language. The prize is to be known as "The William Ellis Scull Prize," Present par and book values, \$2,000.

C. WHARTON STORK ART FUND

In First Month, 1930, C. Wharton Stork, of Class of 1902, donated to the Corporation securities of a then value of \$69,000 on account of a contemplated gift for the purpose of erecting, equipping, and furnishing an Art Museum at the College. Purchases were made by C. Wharton Stork of paintings, which are now exhibited on loan at the Philadelphia Museum of Art.

PAUL D. I. MAIER FUND

Founded Tenth Month 7, 1936, by bequest of \$1,000 from Paul D. I. Maier, '96, of Bryn Mawr. Pa. The bequest provides for the continuance of the Class of 1896 Prizes of \$10 each in Latin and Mathematics, and any balance of income is to be used for general purposes. Present par and book values, \$1,000.

STRAWBRIDGE OBSERVATORY MAINTENANCE FUND

Founded Second Month 13, 1937, from donations of \$5,627.37 from members of the Strawbridge family, being the amount in excess of the actual cost of the rebuilding and reequipment of the William J. Strawbridge, '94, Memorial Astronomical Observatory. The income is used for the maintenance and equipment of the observatory. The principal can be used for additional equipment, if so determined by the Board of Managers. In 1938 and 1939 an astrographic camera was so purchased at a cost of \$1,787.83. Present par and book values \$3,839.54.

STATED MEETINGS OF THE CORPORATION AND THE MANAGERS

The Annual Meeting of "The Corporation of Haverford College" is held on the second third-day in the Tenth month, at 3 o'clock P.M.

The Stated Meetings of the Managers for 1940 well be held on the second Sixth-day of First and Third Months, and on the Third Sixth-Day of Fifth, Ninth and Eleventh months.

LEGACIES

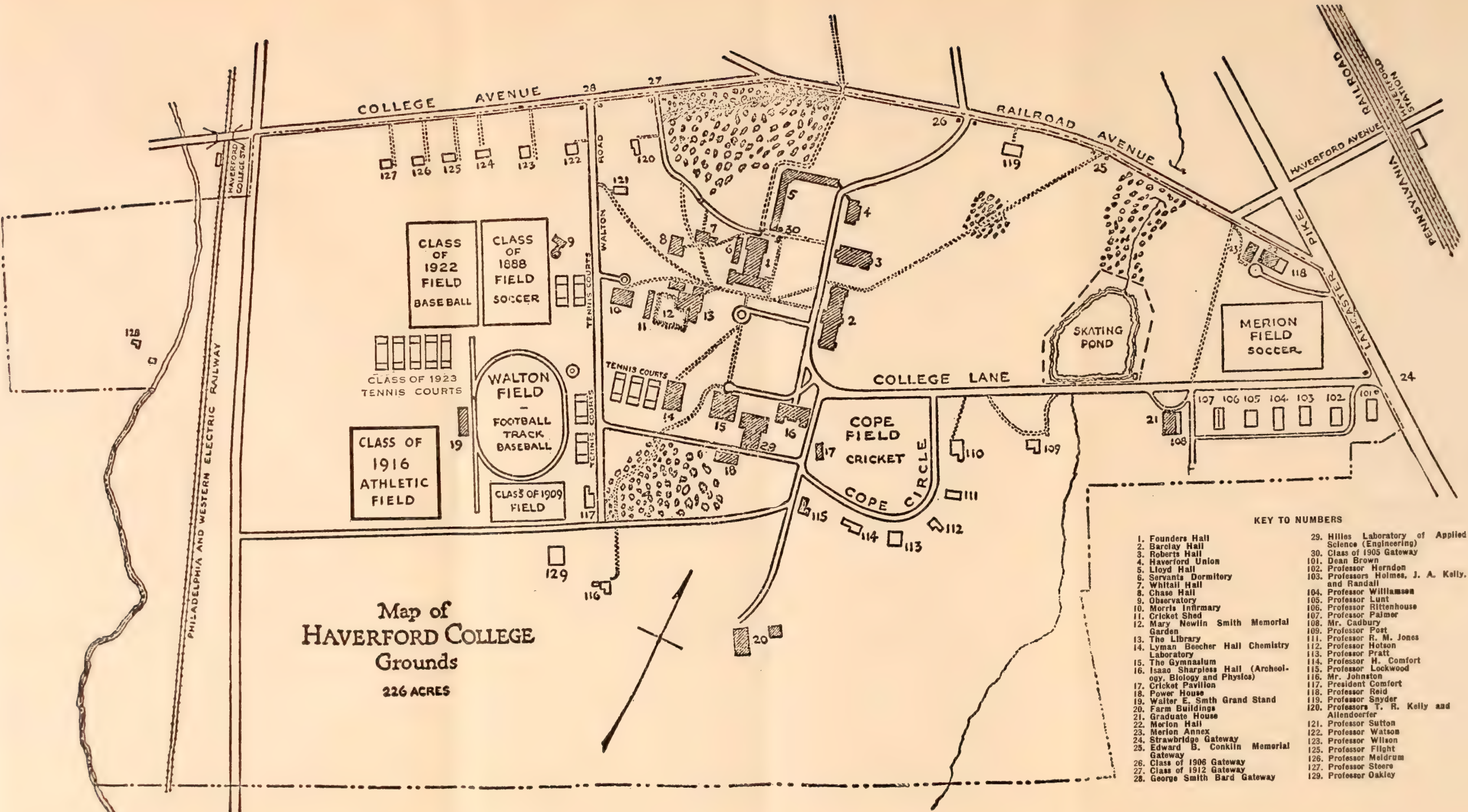
The friends of the College, including former students, and all who are interested in the promotion of sound learning, are invited to consider the College in the disposition of their estates by will.

FORM OF BEQUEST OF PERSONAL PROPERTY

I give and bequeath, free and clear of all estate, inheritance or other similar taxes, unto the Corporation of Haverford College, the sum ofDollars.

FORM OF DEVISE OF REAL ESTATE

I give and devise, free and clear of all estate, inheritance of other similar taxes, unto The Corporation of Haverford College, its Successors and Assigns, in fee, the following described real estate: (Here describe the real estate.)



HAVERFORD COLLEGE BULLETIN

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1939-1940



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Haverford, Pa.

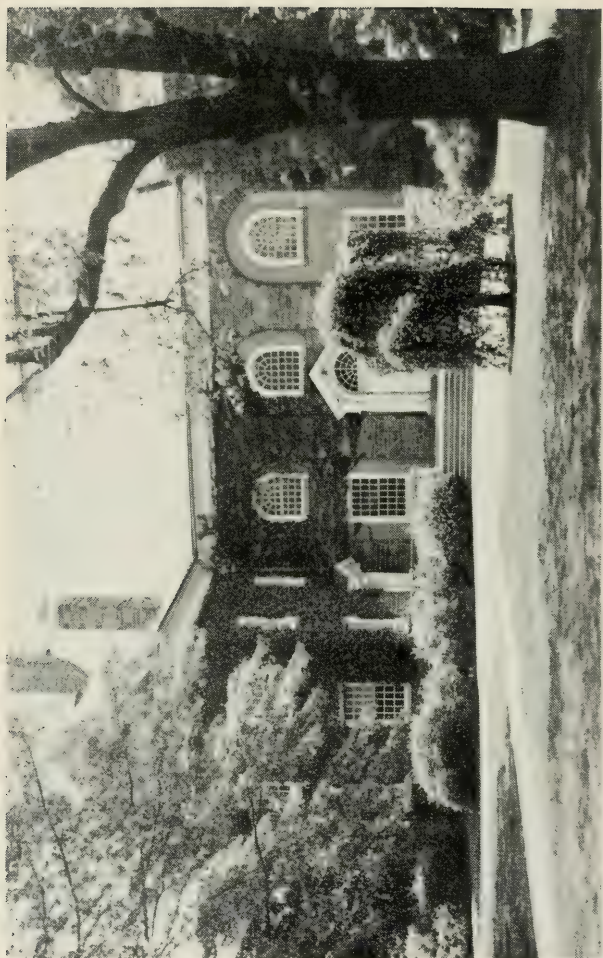
Entered December 10, 1902, at Haverford, Pa.

Second-Class Matter under Act of Congress of July 16, 1894

HAVERFORD COLLEGE
ATHLETICS



1939-1940



THE YEAR 1939-40

Both the football and soccer teams had more power and, at times, played better games than the scores would indicate. From the point of view of victories the year did not start auspiciously.

The basketball team had a poor season and the wrestling team an indifferent one. The fencing team won five out of their eight meets.

On May 3 the track team defeated Swarthmore, winning its thirtieth consecutive dual meet. The following week it lost to Lehigh, thus ending a streak which began in 1935. At the Penn Relays the mile-relay team won the M. A. S. C. A. A. one-mile relay championship. Walter C. Falconer, '42, broke the college half-mile record in the time of 1 minute, 58.1 seconds.

After a poor start the baseball team redeemed itself somewhat with a well-played game against Swarthmore. The tennis and golf teams had very indifferent seasons to say the least.

To Richard W. Beeler went the Varsity Club Cup.

Detailed accounts of all contests may be found in the *Haverford News* on file in the Library.

ARCHIBALD MACINTOSH,
Director.

Haverford College Athletic Association
and
Department of Physical Education



WILLIAM WISTAR COMFORT, PH.D., LITT.D., LL.D.
 President.

JAMES A. BABBITT, A.M., M.D.
 Professor of Hygiene and Physical Education, Emeritus.

ARLINGTON EVANS, B.P.E., M.S.
 Instructor of Physical Training.

ROY E. RANDALL
 Coach of Football, Basketball, and Baseball.
 Chairman of the Committee on Physical Education.

A. W. HADDLETON
 Coach of Track.

JAMES C. GENTLE
 Coach of Soccer.

WILLIAM DOCHERTY
 Assistant Coach of Football, Basketball, Baseball.

EDGAR H. REDINGTON
 Assistant Coach of Soccer.

HENRI GORDON
 Coach of Fencing.

RENE BLANC-ROOS
 Coach of Wrestling.

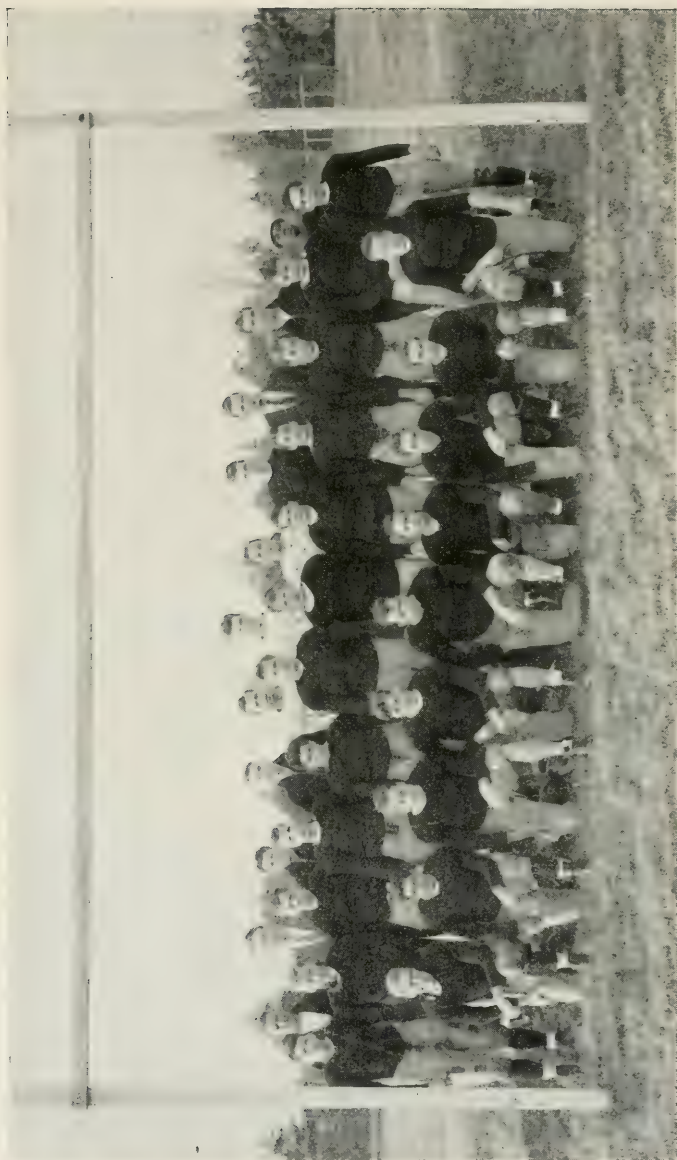
ARCHIBALD MACINTOSH
 Director of Intercollegiate Athletics.



Athletic Executive Committee

PRESIDENT WILLIAM WISTAR COMFORT, '94—*Chairman*

DR. FREDERIC PALMER, JR.	F. A. LEWIS, '40
H. T. BROWN, JR., '23	H. C. ATKINSON, '40
J. M. CROSMAN, '18	R. T. WILLIAMS, '40
O. B. RHOADS, '25	A. MACINTOSH, '21



The Football Team

FOOTBALL DEPARTMENT

Captain

ROBERT T. WILLIAMS, '40

Coach

ROY E. RANDALL

Manager

HENRY D. CORNMAN, '41

Line Coach

WILLIAM DOCHERTY

Assistant Manager

FRANK INGLIS, '41

Awarded Football "H"

ROBERT T. WILLIAMS, '40 (<i>Captain</i>)	tackle
GEOFFREY HEMPHILL, '41 (<i>Captain-elect</i>)	center
CHESTER E. BAUM, '40	guard
RICHARD W. BEELER, '40	back
F. ALLEN LEWIS, '40	center
ARTHUR A. MAGILL, '40	back
J. ELLIOTT MECHLING, '40	guard
CHARLES K. PETERS, '40	end
KENNETH A. PRESCOTT, '40	back
SAMUEL M. SNIPES, '41	end
JOHN L. WEBB, '41	guard
HENRY D. CORNMAN, '41	manager
RICHARD W. BROWN, '42	guard
THOMAS C. COCHRAN, '42	tackle
JAMES P. MAGILL, '42	back
ROBERT E. MILLER, '42	end

Awarded Football Numerals

DAVID B. ARNOLD, '41	tackle
JOHN W. DORSEY, '41	end
TUCKER F. MORIAN, '41	back
PAUL C. ROWLAND, '41	back
ELEAZER E. CHILDS, '42	back
JOHN J. FRAZIER, '42	tackle
GEORGE T. WARNER, '42	back
W. SCOTT WORRALL, '42	back

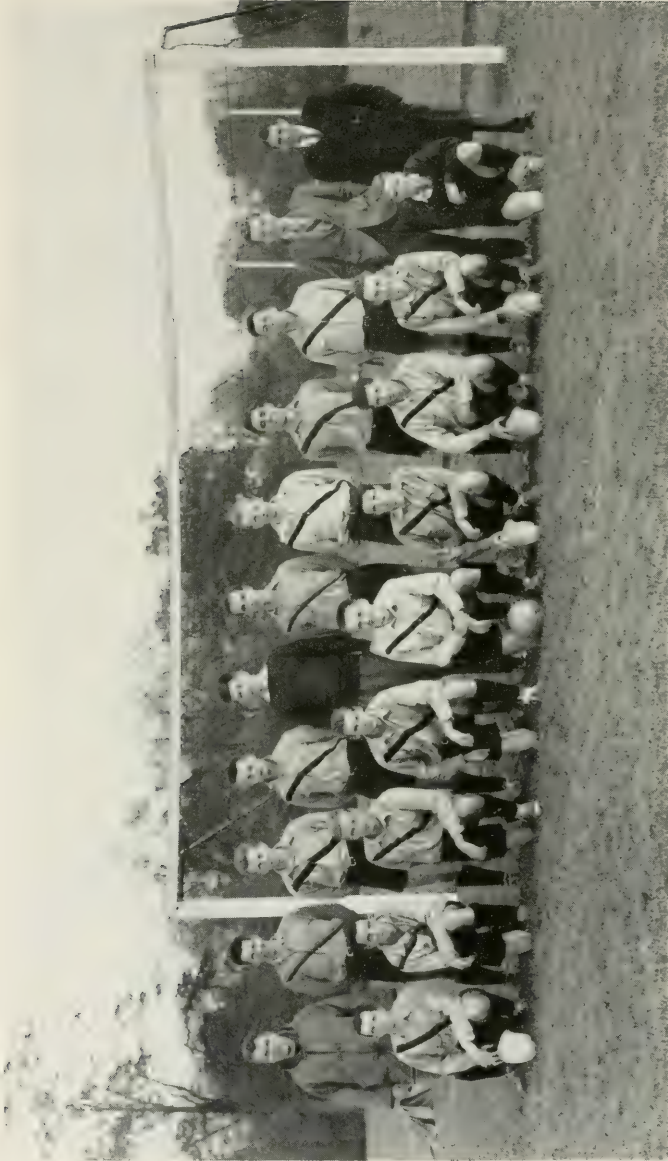


Football Scores, 1939

Sept. 30—Haverford.....	16	Union	41(H)
Oct. 7—Haverford.....	13	Allegheny	13(H)
Oct. 21—Haverford.....	6	Wesleyan	56(A)
Oct. 28—Haverford.....	7	Johns Hopkins	12(A)
Nov. 4—Haverford.....	13	Lehigh	20(H)
Nov. 11—Haverford.....	0	Hamilton	0(H)

Individual Scoring Record

	Touch- downs	Points After Touchdown	Field Goals	Total
Richard W. Beeler, '40...	2	4	1	19
John W. Dorsey, '41.....	1	..	..	6
Paul C. Rowland, '41.....	1	..	..	6
James P. Magill, '42.....	2	..	..	12
Robert E. Miller, '42.....	1	..	..	6
George T. Warner, '42....	1	..	..	6



The Soccer Team

SOCCER DEPARTMENT

Captain

H. CONRAD ATKINSON, '40

Coach

JAMES GENTLE

Manager

DONALD B. LOWE, JR., '41

Assistant Manager

WILLIAM A. LIDDELL, JR., '41

Awarded Soccer "H"

H. CONRAD ATKINSON (*Captain*), '40

EDWARD P. ALLINSON, JR. (*Captain-elect*), '41

ROBERT L. DEWEES, '40

G. RALPH STROHL, JR., '41

DAVID P. FLACCUS, '40

RICHARD D. BAUER, '42

ANDRE W. REICHEL, '40

ALAN L. DORIAN, '42

HOWARD L. BLUM, '41

R. WILMER DUNHAM, '42

CHRISTOPHER EVANS, '41

EDWARD FLACCUS, '42

WILLIAM K. MILLER, '41

GORDON W. HOWE, '42

DAVID W. SHOEMAKER, '41

KENNETH S. ROBERTS, '42

DONALD B. LOWE, JR. (*Manager*), '41

Awarded Soccer Numerals

MAXWELL W. STEEL, JR., '40

JACQUE S. ELWELL, '43

J. PHILIP NEAL, '41

SUMNER W. FERRIS, '43

LANSING P. WAGNER, '41

B. EDWARD HOWE, JR., '43

KENNETH W. WEYERBACHER, '41

HOWARD B. KRIEBEL, '43

KENNETH A. WRIGHT, '41

J. MORRIS EVANS, '43

JAMES M. WILLIS, '41

DAVID D. SOMERS, '43

T. CANBY JONES, '42

JOHN W. THACHER, JR., '43

CHRISTOPHER J. CADBURY, '43

WILLIAM H. WOODWARD, '43

1939 Intercollegiate Scores

Oct. 6—Haverford.....	0	Princeton	4
Oct. 14—Haverford.....	1	Cornell	4
Oct. 24—Haverford.....	3	Ursinus	0
Nov. 4—Haverford.....	3	Lehigh	0
Nov. 8—Haverford.....	0	Stevens	2
Nov. 10—Haverford.....	8	Lafayette	1
Nov. 18—Haverford.....	1	Pennsylvania	3
Nov. 22—Haverford.....	1	Swarthmore	0
Nov. 29—Haverford.....	5	Wheaton	0

Won: 5 Lost: 4 Points For: 22 Points Against: 14



Other Scores

Sept. 23—Haverford.....	3	Alumni	6
Sept. 28—Haverford.....	3	Merion	0
Sept. 30—Haverford.....	4	Oakwood	2
Oct. 21—Haverford.....	5	Angora	4
Oct. 28—Haverford.....	13	Penn Mutual	6

Results of the J. V. Soccer Season 1939-40

Sept. 30—Haverford.....	0	Moorestown Cricket Club.....	7
Oct. 6—Haverford.....	2	Princeton J. V.	1
Oct. 14—Haverford.....	2	Swarthmore J. V.	3
Oct. 18—Haverford.....	5	U. of Penna. J. V.....	1
Oct. 18—Haverford.....	4	George School	3
Nov. 11—Haverford.....	1	Moorestown Cricket Club.....	2
Nov. 18—Haverford.....	1	Swarthmore	3
Nov. 21—Haverford.....	4	Westtown School	2
Nov. 21—Haverford.....	1	Merion C. C.	0
Nov. 9—Haverford.....	2	Northeast Catholic H. S.....	1

Results of the Haverford Third Team Soccer Season

Sept. 30—Haverford.....	1	Hill School	5
Oct. 13—Haverford.....	2	U. of Penna. Fresh.....	3
Nov. 14—Haverford.....	1	U. of Penna. Fresh.....	3
Nov. 21—Haverford.....	1	Westtown J. V.s.....	1
Nov. 30—Haverford.....	1	Swarthmore Fresh.	3

BASKETBALL DEPARTMENT*Captain*

ARTHUR A. MAGILL, '40

Coach

ROY E. RANDALL

Manager

J. WILLIAM WOOD, JR., '40

Assistant Manager

ROBERT W. EVANS, '41

Awarded Basketball "H"

ARTHUR A. MAGILL, '40 (*Captain*).....guard
 KENNETH W. WEYERBACHER, '41 (*Captain-elect*).....forward
 RICHARD W. BEELER, '40.....guard
 ROBERT E. MILLER, '42.....center
 GEORGE T. WARNER, '42.....forward
 JAMES P. MAGILL, II, '42.....center
 ALAN L. DORIAN, '42.....center
 J. WILLIAM WOOD, JR., '40.....manager

Awarded Basketball Numerals

DAVID P. FLACCUS, '40.....forward
 CHRISTOPHER EVANS, '41.....guard
 GORDON W. HOWE, '42.....forward

Record for 1939-40

Haverford..... 32	Stevens 39
Haverford..... 28	Delaware 37
Haverford..... 31	Moravian 45
Haverford..... 29	Drexel 19
Haverford..... 35	Hamilton 45
Haverford..... 31	R. P. I. 43
Haverford..... 20	Stevens 40
Haverford..... 35	Trinity 49
Haverford..... 39	Delaware 36
Haverford..... 27	Swarthmore 50

Individual Scoring Record

Name	Points
A. Magill (<i>Captain</i>).....	66
R. Miller	47
Warner	41
Beeler	44
J. Magill	40
Weyerbacher	16
Dorian	15
Howe	13
Flaccus	9
Evans	0

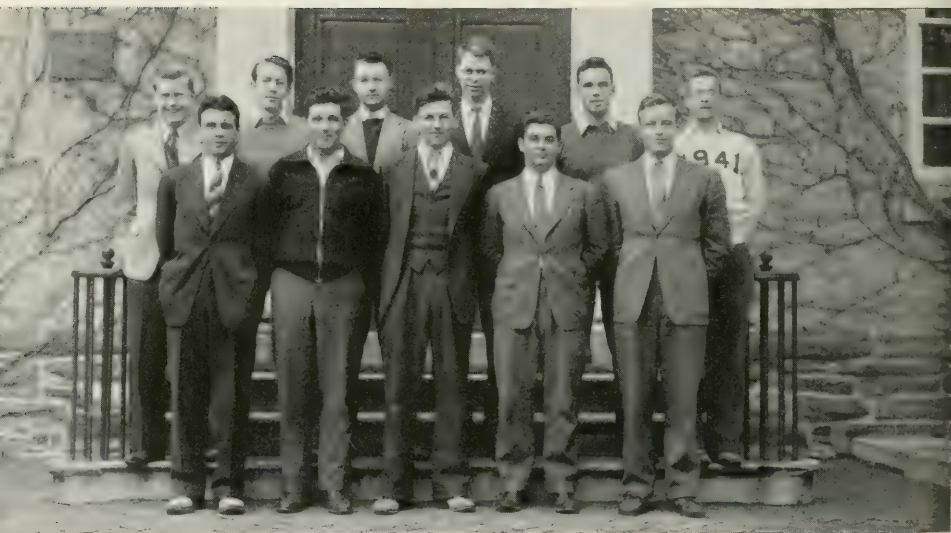
Name	Time Played
A. Magill	325 minutes
Beeler	317 "
Warner	310 "
J. Magill	275 "
R. Miller	248 "
Weyerbacher	199 "
Dorian	111 "
Flaccus	67 "
Howe	59 "
C. Evans	56 "

J. V. Record

Haverford..... 11	Penn Charter	33
Haverford..... 12	Delaware J. V.....	34
Haverford..... 20	Moravian J. V.....	32
Haverford..... 24	Drexel J. V.....	42
Haverford..... 21	Westtown School	40
Haverford..... 22	Lincoln Prep	31
Haverford..... ..	Norristown Y. M. C. A... ..	
(Haverford won by forfeit)		
Haverford..... 35	Palmer Business School..	24
Haverford..... 42	Delaware J. V.....	30
Haverford..... 27	Swarthmore J. V.....	43

Individual Scoring Record

Flaccus, E.	61
Evans, M.	48
Saxer	41
Addoms, J.	18
Worrall	17
Wingerd	9
Shinn	7
Grala	4
Roberts	4
Howe, G.	3
Dorian	2
Hallett	1
MacCrate	0
Strausbaugh	0

*The Basketball Team*

WRESTLING DEPARTMENT

Captain

DAVID BAIRD COURSIN, '40

Coach

RENE BLANC-ROOS, '35

Manager

LEWIS L. JANNEY, '40

Assistant Manager

SAMUEL M. MURPHY, JR., '41

Awarded Wrestling "H"

DAVID BAIRD COURSIN, '40 (*Capt.*)

RICHARD H. BOLSTER, II, '41 (*Capt.-elect*)

ROBERT N. EVERT, '41

WILLIAM F. SHIHADDEH, '43

JOHN B. RHIND, '43

LEWIS L. JANNEY, '40 (*Manager*)

Awarded Wrestling Numerals

CHESTER E. BAUM, JR., '40

DAVID S. FOX, '42

THOMAS LITTLE, '41

MURDOCK S. BOWMAN, '43

ARTHUR H. NAPIER, JR., '41

ELLIS F. LITTLE, '43

JOHN H. MEADER, '43

Middle Atlantic Collegiate Wrestling Association Championships

BolsterSecond, 136 lb.

CoursinThird, 155 lb.

Meets

December 11—Rutgers	6	24
January 13—Lafayette	5	29
January 17—Muhlenberg	20	18
February 10—Ursinus	21	15
February 14—University of Maryland	9½	20½
February 17—Gettysburg	8	26
February 21—Lehigh J. V.	5	27
February 24—Johns Hopkins	21	15
March 1-2—M. A. C. W. A. Conference ..	..	..
Total	95½	174½

Recapitulation

	Class	W.	L.	T.	Points	Total Points
T. Little	121	0	4	0	0	0
Bowman	121	0	4	0	0	0
(M. A. C. W. A. C.)	121	0	1	0	0	..
Napier	128	0	1	0	0	0
Rhind	128	4	2	0	16	16
(M. A. C. W. A. C.)	128	0	1	0	0	..
Bolster	128	1	0	0	3	..
	136	6	1	0	31	39
(M. A. C. W. A. C.)	136	2	1	0	5	..
Evert	145	1	4	1	6½	6½
(M. A. C. W. A. C.)	145	1	3	0	0	..
Fox	145	1	1	0	5	5
Coursin	155	5	3	0	17	18
(M. A. C. W. A. C.)	155	1	2	0	1	..
Shihadeh	165	3	5	0	15	15
(M. A. C. W. A. C.)	165	0	1	0	0	..
Baum	175	0	1	0	0	0
Hemphill	175	0	1	0	0	0
Meador	175	1	5	0	5	5
(M. A. C. W. A. C.)	175	0	1	0	0	..
E. Little .....Hwgt.		0	6	0	0	0

The Allan C. Hale Memorial Award

Presented by Allan C. Hale, Jr., of the Class of 1936, each year to that member of the wrestling team, not necessarily the highest scorer or the best wrestler, whose sportsmanship and interest has contributed most to the advancement of the sport.

1936—JOSEPH T. RIVERS, JR., '37

1937—JAY W. WORRALL, JR., '37

1938—JOHN A. EVERT, JR., '38

The Allan C. Hale, Jr., Memorial Award

Presented by Mrs. Allan C. Hale, Jr., wife of the 1936 Captain, each year to that member of the wrestling team, not necessarily the highest scorer or the best wrestler, whose sportsmanship and interest has contributed most to the advancement of the sport.

1939—LAIRD H. SIMONS, JR., '39

1940—DAVID BAIRD COURSIN, '40



The Wrestling Team

FENCING DEPARTMENT

Captain

WILLIAM F. McDEVIT, '40

Coach

R. HENRI GORDON

Manager

JOHN B. CLARK, '41

Assistant Manager

BENTON D. KING, '41

Awarded Fencing "H"

EUGENE E. BOTELHO, '41.....epee
 JOHN B. CLARK, '41 (*Capt.-elect*).....manager
 JOHN C. HAWLEY, '41.....epee
 ROBERT J. HUNN, '40.....sabre
 WILLIAM F. McDEVIT, '40 (*Capt.*).....foil
 ANDRE W. REICHEL, '40.....sabre

Awarded Fencing Numerals

WARREN D. ANDERSON, '42.....epee
 JOHN A. BUTTRICK, '41.....sabre
 JOHN A. FUST, '42.....sabre
 BENTON D. KING, '41.....sabre
 GEORGE M. SWAN, '41.....foil
 JAMES A. VINCENT, '40.....epee

Varsity Meets

Jan. 13—Haverford..... 4	Drew 13(A)
Feb. 17—Haverford..... 19	Lehigh 8(A)
*Feb. 22—Haverford..... 21	St. Joseph's 6(H)
Feb. 24—Haverford..... 16	P. C. P. S. 11(H)
Mar. 1—Haverford..... 13	Rutgers 14(H)
Mar. 2—Haverford..... 11	Pennsylvania 16(H)
*Mar. 9—Haverford..... 20	Loyola 7(H)
Mar. 15—Haverford..... 18	Swarthmore 9(A)

*Did not count in awarding of letters.

Individual Varsity Scores

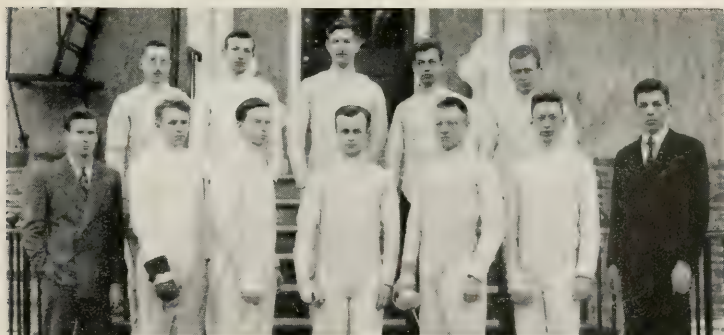
<i>Foil:</i>	Bouts		No. of Meets
	Won	Lost	
W. F. McDevit	17	7	8
J. B. Clark	12	9	7
J. A. Fust	5	4	3
S. C. McCulloch.....	4	7	4
G. M. Swan.....	3	4	3
<i>Epee:</i>			
E. E. Botelho.....	16	7	8
J. C. Hawley.....	12	5	6
J. A. Vincent.....	11	10	7
W. D. Anderson.....	3	3	2
<i>Sabre:</i>			
A. W. Reichel.....	14	5	7
R. J. Hunn.....	11	9	7
J. A. Buttrick.....	13	10	8
J. A. Fust.....	1	1	1
K. A. Wright.....	6	3	1
	122	84	

Bouts Won and Lost by Weapons

Weapon	Won	Lost
Foil	41	31
Epee	42	25
Sabre	39	28
	122	84

Junior Varsity Meets

Feb. 17—Haverford.....	13	Lehigh J. V.....	14 (A)
Mar. 2—Haverford.....	12	Pennsylvania J. V...	15 (H)
Mar. 7—Haverford.....	9½	Penn Charter	16½ (H)
Mar. 14—Haverford.....	17	Radnor	10 (H)

*The Fencing Team*



The Track Team

TRACK DEPARTMENT

Captain

C. W. FISHER, '40

Coach

ALFRED W. HADDLETON

Manager

J. W. WIEDER, JR., '40

Assistant Managers

R. S. VOGT, '41

R. B. DICKSON, '41

D. B. BOYER, JR., '41

Awarded Track "H"

C. W. FISHER, '40 (*Captain*)

S. M. SNIPES, '41 (*Captain-elect*)

J. W. WIEDER, JR., '40 (*Manager*)

L. L. JANNEY, '40

W. C. FALCONER, '42

H. MASON, '40

J. F. GARY, '42

C. K. PETERS, JR., '40

R. E. MILLER, JR., '42

J. T. SHARKEY, '40

C. A. OLSON, JR., '42

H. L. CLEMENT, '41

D. M. POOLE, '42

T. F. MORIAN, '41

J. M. EVANS, '43

A. C. BOYSEN, JR., '42

B. E. HOWE, JR., '43

R. W. DUNHAM, '42

A. S. ROGERS, '43

W. H. WOODWARD, '43

Awarded Track Numerals

R. H. SMITH, '41

P. F. McLELLAN, '42

G. T. WARNER, '42

Track Schedule, 1940

April 13—Johns Hopkins	Away
April 23—Gettysburg	Away
April 26, 27—Penn Relays	Away
May 3—Swarthmore	Home
May 7—Lehigh	Home
May 10, 11—M. A. S. C. A. A.	Away
May 14—Lafayette	Home
May 18—Drexel, P. M. C.	Home



Track Results

April 13—Haverford.....	72	Johns Hopkins	54
April 23—Haverford.....	91	Gettysburg	35
May 3—Haverford.....	80	Swarthmore	46
May 7—Haverford.....	62	Lehigh	64
May 14—Haverford.....	47 $\frac{2}{3}$	Lafayette	78 $\frac{1}{3}$
May 18—Haverford.....	103	Drexel	37 $\frac{1}{4}$
		P. M. C.....	13 $\frac{3}{4}$

Won—4

Lost—2

April 26, 27—Penn Relays—Haverford won the M. A. S. C. A. A. one-mile relay.

May 10, 11—M. A. S. C. A. A.—Haverford 6th place—19 $\frac{1}{2}$ points.

Individual Point Totals

Mason, H., '40.....	97	Rogers, '43	12
Falconer, W. C., '42....	44	Boysen, '42	11
Snipes, S. M., '41.....	44	Miller, R. E., '42.....	10 1/12
Clement, H. L., '41.....	36	Olson, C. A., '42.....	10
Dunham, R. W., '42....	36	Smith, R. H., '41.....	10
Peters, C. K., '40.....	36	McLellan, P. H., '42....	9
Sharkey, J. T., '40.....	32	Woodward, W. H., '43..	7
Fisher, C. W., '40.....	27	Warner, G. T., '42.....	6
Poole, D. M., '42.....	23	Pile, W. H., '41.....	4
Gary, J. F., '42.....	21	Hunter, H., '43.....	3
Howe, B. E., '43.....	15 $\frac{1}{2}$	Weyerbacher, K. W., '41	2 1/12
Evans, J. M., '43.....	13	Cochran, T. C., '42.....	2
Janney, L. L., '40.....	12	Hemphill, G., '41.....	2
Morian, T. F., '41.....	12	Long J. W., '41.....	1
		Rairdon, C. T., '40.....	1

Record Broken

May 14—880-Yard Dash: W. C. Falconer, '42....1 min. 58.1 secs.
This breaks the record held by R. F. Edgar, '31 (1931)

The Walton Cup

Presented by Mr. Ernest P. Walton, of the Class of 1890, for the encouragement of individual athletic work and to be awarded annually to the student who wins the highest total of points in athletic competition during the year.

1940—HAYDEN MASON, '40.....97 points

The Penn Relays

The team which won the M. A. S. C. A. A. One-mile Relay Championship was the first to score a place in the 19 years "Pop" Haddleton has coached at Haverford. The team was composed of:

S. M. SNIPES, '41

L. L. JANNEY, '40

J. T. SHARKEY, '40

W. C. FALCONER, '42

Haverford College Track and Field Records

<i>Event</i>	<i>Record</i>	<i>Holder</i>	<i>Date</i>
100-Yard Dash....	9.9 secs.....	Joseph C. Wingerd, '39.	1937
220-Yard Dash....	22 secs.....	H. K. Ensworth, '29...	1928
440-Yard Dash....	50.2 secs.....	Walter Palmer, '10....	1910
880-Yard Dash....	1 min. 58.1 secs....	W. C. Falconer, '42....	1940
Mile Run.....	2 min. 0.8 secs....	R. F. Edgar, '31.....	1929
Two-mile Run....	10 min. 11 secs....	T. D. Shihadeh, Jr., '39.	1939
High Hurdles....	15.4 secs.....	S. R. Evans, '38.....	1938
		T. B. Steiger, '39.....	1939
Low Hurdles....	24.4 secs.....	H. H. Derr, III, '39....	1938
Broad Jump.....	23 ft. 7 $\frac{1}{8}$ in.....	A. C. Thomas, Jr., '28...	1928
High Jump.....	6 ft. 2 $\frac{3}{4}$ in.....	S. S. Poorman, '37....	1937
Shot Put.....	46 ft. 5 $\frac{7}{8}$ in.....	J. H. Morris, Jr., '30...	1930
Pole Vault.....	12 ft. 4 in.....	G. P. Foley, '32.....	1932
Javelin	180 ft. 9 $\frac{1}{2}$ in.....	H. Montgomery, '25...	1925
Discus	146 ft. $\frac{1}{4}$ in.....	J. H. Morris, Jr., '30...	1929
Hammer Throw..	123 ft. 6 in.....	H. W. Jones, '05.....	1905

Summary of the Dual and Triangular Meets

1922-1940

			Tie	Total
Haverford.....	0	Amherst	2	2
Haverford.....	1	Bucknell	0	1
Haverford.....	6	Dickinson	1	7
Haverford.....	9	Delaware	0	9
Haverford.....	3	F. and M.	1	4
Haverford.....	8	Johns Hopkins	2	11
Haverford.....	7	Lafayette	1	8
Haverford.....	8	Lehigh	4	12
Haverford.....	1	Muhlenberg	0	1
Haverford.....	2	Rutgers	0	2
Haverford.....	3	St. Joseph's	0	3
Haverford.....	2	Stevens	0	2
Haverford.....	1	Susquehanna	0	1
Haverford.....	12	Swarthmore	6	18
Haverford.....	1	Temple	0	1
Haverford.....	2	Union	0	2
Haverford.....	1	Ursinus	0	1
Haverford.....	0	William and Mary..	2	2
Haverford.....	2	Gettysburg	0	2
	<hr/> 69		<hr/> 19	<hr/> 1
				<hr/> 89

Triangular Meets

Haverford.....	1	Delaware	2	Ursinus	3
Haverford.....	3	Army	1	N. Y. U.....	2
Haverford.....	2	Amherst	1	Swarthmore ..	3
Haverford.....	1	F. and M.....	2	St. Joseph's ..	3
Haverford.....	1	Juniata	2	Muhlenberg ...	3
Haverford.....	1	F. and M.....	2	Ursinus	3
Haverford.....	1	Delaware	2	Drexel	3
Haverford.....	1	Drexel	2	Susquehanna ..	3
Haverford.....	1	Drexel	2	P. M. C.	3

Won—7

Lost—2

The victory in the dual meet on May 3, 1940, with Swarthmore, was the 30th consecutive victory, a streak which started after the defeat by Lehigh in 1935 and ended with the defeat by Lehigh this year.



The Cross Country Team

CROSS COUNTRY—1939*Captain*

DAVID M. POOLE, '42

Coach

ALFRED W. HADDLETON

Manager

CHARLES J. SWIFT

Awarded Cross Country "H"DAVID M. POOLE, '42 (*Captain*)

JAMES F. GARY, '42

WALTER C. FALCONER, '42

ALFRED C. BOYSEN, JR., '42

ALAN S. ROGERS, '43

CHARLES J. SWIFT, '40 (*Mgr.*)**Awarded Cross Country Numerals**

ANSON B. HOUGHTON, '42

LEWIS C. KIBBEE, '43

Meets

October 28—Haverford..	32	Johns Hopkins	27
November 4—Haverford..	35	Lafayette	20
November 11—Haverford..	39	(Swarthmore	43
		(Johns Hopkins	40

FRESHMAN TRACK MEETS—1940*Captain*

JAMES F. GARY

April 27—Freshman.....	37½	('41	53½
		('42	42
		('40	20
May 1—Freshman.....	69	(Penn Charter	47
		(Germantown Academy..	16
		(Westtown	39
May 15—Freshman.....	36	(Episcopal Academy	35½
		(Friends Central	32½
May 22—Freshman.....	37½	(George School	57½
		(Haverford School	48½



The Baseball Team

BASEBALL DEPARTMENT

Captain

R. W. BEELER, '40

Coach

ROY E. RANDALL

Manager

S. M. DYE, '40

Assistant Manager

D. B. ARNOLD, '41

Awarded Baseball "H"

R. W. BEELER, '40.....	catcher
F. A. LEWIS, '40.....	center field
R. T. WILLIAMS, '40.....	right field
R. G. STROHL, JR., '41.....	first base
R. G. WINSLOW, '41.....	third base
A. L. DORIAN, '42.....	pitcher
J. P. MAGILL, '42.....	second base
K. S. ROBERTS, '42.....	pitcher
L. P. SAXER, '42.....	utility
G. T. WARNER, '42.....	shortstop
W. N. WINGERD, '43.....	left field
S. M. DYE, '40.....	manager

Schedule

March 27—Haverford...	1	Bridgewater	16 (a)
March 28—Haverford...	5	Virginia	14 (a)
March 29—Haverford...	6	Hampden-Sydney ...	16 (a)
April 3—Haverford...	1	Lehigh	12 (a)
April 6—Haverford...	3	Moravian	5 (h)
April 10—Haverford...	1	Susquehanna	10 (a)
April 13—Haverford...	..	Drexel .....	.. (h) rain
April 17—Haverford...	1	Drexel	12 (a)
April 22—Haverford...	..	Ursinus .....	.. (a) rain
April 24—Haverford...	5	Stevens	8 (h)
April 27—Haverford...	1	Johns Hopkins	7 (a)
May 1—Haverford...	4	Stevens	6 (a)
May 3—Haverford...	..	Union .....	.. (h) rain
May 7—Haverford...	1	Delaware	6 (a)
May 8—Haverford...	1	Hampden-Sydney ...	8 (h)
May 11—Haverford...	7	Swarthmore	1 (h)



Pitchers' Records—Including Southern Trip

	H.	I.	W.	L.	H.	I.	W.	L.
Beers	5	5½	0	0	11	7½	0	1
Dorian	42	42	1	5	53	49½	1	6
Howe	5	2	0	0	17	9½	0	0
Roberts	15	18½	0	3	27	25	0	4
Strausbaugh ...	16	14	0	1	16	14	0	1
Zeigler	0	0	0	0	3	1	0	0

Dorian beat Swarthmore.

Fielding Averages for 1940

	<i>Regular</i>				<i>Inc. Southern Trip</i>			
	G.	Pl.	E.	Pct.	G.	Pl.	E.	Pct.
Strohl	10	98	0	1.000	13	120	2	.983
Warner ...	9	48	2	.985	12	62	4	.935
Beeler	10	57	6	.895	13	80	10	.875
Lewis	10	18	2	.888	13	25	2	.920
Williams ..	10	14	2	.857	13	18	2	.888
Magill	10	43	5	.883	13	50	6	.875
Dorian	8	21	0	1.000	11	30	1	.966
Saxer	8	20	4	.800	11	37	6	.839
Dewald	4	14	1	.928	7	14	1	.928
Winslow ...	10	29	1	.965	10	29	1	.965
Wingerd ..	6	5	2	.600	6	5	2	.600
Bowman ..	1	3	0	1.000	4	8	0	1.000
Beers	2	2	0	1.000	3	3	0	1.000
Roberts ...	4	5	1	.800	5	11	1	.909
Strausbaugh	5	5	3	.400	5	5	3	.400
Childs	1	3	3	.000	1	3	3	.000
Zeigler	1	0	0	.000	1	0	0	.000
Howe	3	0	0	.000	5	0	0	.000

Batting Averages for 1940

Player	<i>Regular</i>					<i>Inc. Southern Trip</i>				
	G.	A.B.	R.	H.	Pct.	G.	A.B.	R.	H.	Pct.
Beeler	10	36	6	15	.417	13	49	8	18	.367
Williams ...	10	35	3	10	.286	13	47	6	18	.383
Dorian	9	22	2	5	.227	12	30	3	5	.166
Winslow ...	10	36	2	7	.195	10	36	2	7	.195
Warner	9	36	5	7	.195	12	50	6	9	.180
Strohl	10	32	4	6	.187	13	46	5	8	.174
Lewis	10	30	3	5	.166	13	42	5	8	.190
Magill	10	37	0	6	.162	13	49	1	10	.204
Wingerd ...	6	20	0	2	.100	6	20	0	2	.100
Saxer	8	11	0	1	.090	11	19	0	3	.158
Beers	2	2	0	1	.500	3	3	0	1	.333
Howe	3	2	0	1	.500	5	2	0	1	.500
Dewald	4	8	0	0	.000	7	11	0	1	.090
Roberts	4	7	0	0	.000	5	9	0	0	.000
Strausbaugh.	5	4	0	0	.000	5	4	0	0	.000
Bowman ...	1	2	0	0	.000	5	6	0	0	.000
Childs	1	2	0	0	.000	1	2	0	0	.000

Home Runs: Strohl, 2. Three-base Hits: Beeler. Two-base Hits: Beeler, 4; Strohl, 2; Williams, 2; Magill.

TENNIS DEPARTMENT

Captain

R. L. DEWEES, '40

Coach

NORMAN B. BRAMALL

Manager

J. D. GARMEY, '41

Assistant Manager

P. C. GIFFORD, '41

Awarded Tennis "H"

H. T. HOYT, '40

E. FLACCUS, '42

R. L. DEWEES, '40 (*Captain*)

S. M. CHAPPELL, '41

G. M. SWAN, '41

R. H. BOLSTER, '41

W. F. NEWHALL, '41

W. W. STANTON, '41

J. D. GARMEY, '41 (*Manager*)

Team Record, 1940

	Hav.	Opp.
April 10—Johns Hopkins (away)	2	7
April 13—F. & M. (away)	1	8
April 18—Gettysburg (home)	1	6
April 19—Brooklyn (home)	rain	
April 24—Stevens (home)	2	7
April 26—Loyola (home)	3	6
April 27—Union (home)	7	2
May 1—Lehigh (home)	0	9
May 3—Wesleyan (home)	1	8
May 10—Swarthmore (away)	2	7
May 11—Muhlenberg (home)	1	7
May 15—Lafayette (away)	4	5
May 18—Drexel (home)	4	5

Haverford won 1 match, lost 11. P. C.—.083

Individual Ratings

(in order of line-up)

	Won	Lost	P. C.
Hoyt	3	9	.250
Deweese	2	10	.166
Swan	2	10	.166
Newhall	3	9	.250
E. Flaccus	2	8	.200
Chappell	1	6	.143
Bolster	2	4	.333
Blackwell .....	..	1	.000
Dorian	1	..	1.000

Doubles Ratings

Hoyt-Deweese	2	6	.250
Swan-E. Flaccus	1	6	.143
Stainton-Newhall	8	3	.727
Hoyt-E. Flaccus	1	2	.333
Deweese-D. Flaccus .....	..	2	.000
Deweese-Swan .....	..	1	.000
Deweese-Dorian	1	..	1.000

The Virginia Cup

The Virginia Cup was presented to Haverford College in 1925 by Professor Legh W. Reid. Tournament play for the Cup is held in May each year and is participated in by not more than sixteen players. The eight members of the first and second team are permitted to compete for the cup. The matches are the best three out of five sets. The name of each winner is engraved on the Cup.

The Virginia Cup Winner

1940—HAMILTON T. HOYT

*The Tennis Team*

J. V. RECORD**Matches Played**

April 14—Haverford.....	1	Penn Freshmen	8
April 10—Haverford.....	3	Valley Forge	3
April 17—Haverford.....	2	Westtown School	7
April 18—Haverford.....	4	Haverford School	5
April 26—Haverford.....	7	Peirce School	0
April 29—Haverford.....	3	West Chester Teachers....	6
May 7—Haverford.....	4	Ursinus	5
May 10—Haverford.....	1	Swarthmore "B"	8
May 14—Haverford.....	2	Penn Charter	7
May 22—Haverford.....	3	Freshmen	6

Won—1

Lost—8

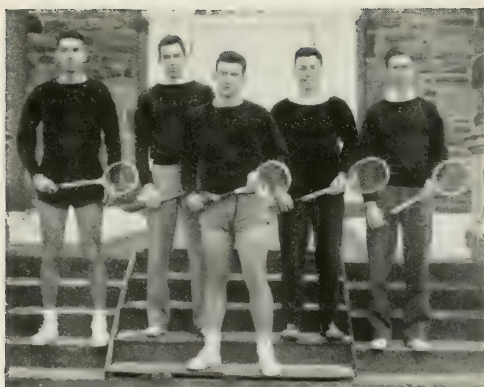
Pct.—11.1%

Individual Ratings

	Matches Played	Won	Lost	P.C.
Chappell	4	3	1	.750
Stainton	4	0	4	.000
Blackwell	9	4	5	.444
Bolster	3	0	3	.000
D. Flaccus	8	3	5	.375
Ashbrook	10	4	6	.400
Branson	8	3	5	.375
Trout	4	1	3	.250
Brown	3	2	1	.666
O'Conner	1	0	1	.000

Doubles Ratings

	Matches Played	Won	Lost	P.C.
Chappell and Blackwell.....	3	1	2	.333
Blackwell and Flaccus	1	0	1	.000
Bolster and Stainton	1	1	0	1.000
Newhall and Stainton.....	1	1	0	1.000
Ashbrook and Branson	8	2	6	.250
Trout and Brown	9	2	7	.222
Coffin and Addoms.....	1	1	0	1.000
Dorian and Ashbrook.....	1	1	0	1.000



The Squash Team

SQUASH DEPARTMENT

Captain

HAMILTON T. HOYT

Manager

SAMUEL M. CHAPPELL

Assistant Manager

JAMES N. ADDOMS

1940 Team Record

Date	Opponent	Place	Hav.	Opp.
Jan. 15—	Haverford School	Haver. School.	1	5
Feb. 12—	Chalfonte-Haddon Hall ...	Atlantic City...	1	5
Feb. 14—	Haverford School	Haver. School.	1	3
Feb. 17—	Princeton Freshmen	Princeton	0	6
Feb. 24—	Lafayette	Merion C. C...	2	4
Feb. 27—	Univ. of Penna. Seconds...	Merion C. C...	1	4
Mar. 5—	Chalfonte-Haddon Hall ...	Merion C. C...	3	4

Individual Records

Team Member	Matches Won	Matches Lost
Hamilton Hoyt	0	6
Erdman Adler	0	1
David Sensenig	2	5
Samuel Chappell	3	4
Neal Addoms	1	6
Jerry Addoms	2	0
Paul O'Connor	0	5
Howard Blum	0	3
Robert Dewees	0	1
Robert Steptoe	1	0



The Golf Team

GOLF DEPARTMENT**1940***Captain*

JOHN EDWARD GROSS

Manager

JOHN EDWARD GROSS

Assistant Manager

R. R. MAYER

Awarded Golf "H"

J. E. GROSS, '40

M. W. STEEL, JR., '40

W. A. LIDDELL, JR., '41

R. N. EVERT, '41

R. M. STEPTOE, '42

H. L. BLUM, '41

J. B. HIBBARD, '41

1940 Record

Opponent	Hav.	Opp.
Swarthmore	0	9
Western Maryland	7½	1½
Univ. of Baltimore	5	4
Temple	2	7
Franklin and Marshall	0	9
Alumni	3	6
Wesleyan	1	8
Swarthmore	0	9
Johns Hopkins	1½	4½
Western Maryland	4	5
Villanova	5½	3½

Individual Records

	Won	Lost	Tied
Gross, J. E.	3	8	0
Step toe, R. M.	4	6	1
Steel, M.	2	2	0
Liddell, W. A., Jr.	2	4	1
Evert, R.	3	5	0
Blum, H.	1	7	3
Hibbard, J. B.	1	7	0
Skerrett, W. H. W., Jr.	0	2	0

CRICKET DEPARTMENT

Captain

E. R. SCHEFFER, '41

Captain-elect

E. R. SCHEFFER, '41

Manager

ARTHUR EVANS, '42

Awarded Cricket Numerals

E. R. SCHEFFER, '41

K. J. FOREMAN, JR., '42

A. E. BROWN, '40

M. S. KIRKPATRICK, '42

R. C. FOLWELL, 3RD, '41

J. S. ELWELL, '43

W. L. GRALA, JR., '43

Cricket Schedule, 1940

Haverford.....	13	Tennyson	41
Haverford.....	61	Fairmount Park	24
Haverford.....	27	Ursinus	58
Haverford.....	50	Princeton Univ.	23
Haverford.....	45	Univ. of Penna.....	38
Haverford.....	66	Univ. of Penna.....	56
Haverford.....	30	General Electric	132
Haverford.....	57	Alumni	160



The Cricket Team

INTRAMURAL ATHLETICS

Manager

LEON SOLIS-COHEN, JR.

Committee

NOBLE BURFORD

W. K. MILLER

GEORGE ALDRIDGE

JAMES GARY

DAVID GARMY

J. E. GROSS

Intramural Soccer

Team	Won	Lost	Tied	Points
Center and South Barclay	2	0	2	6
North Barclay	3	1	0	6
Lloyd	2	2	0	4
Founders' Day	1	2	1	3
Merion	0	3	1	1

Championship Game—North Barclay—2; Center-South—0.

Members of the Winning Team: Janney, Dawson, Solis-Cohen, Aldridge, Burford, J. D. Tompson, Kunkel, Coffin, Wingerd, Kirkpatrick, M. Brown, Childs and Miller.

Subs of the Winning Team: Thalheimer, Harrington, Coolidge, Severinghouse, Stevens, Widney, J. Allen.

Intramural Touch Football

Team	Won	Lost	Tied	Points
Old Lloyd	5	0	1	13
Center	4	1	1	9
Merion-North	3	2	1	7
Grads	2	3	1	5
New Lloyd	1	4	1	3
South	1	4	1	3
Founders' Day	1	3	0	2

Members of the Winning Team: Hering, Lindley, Peters, Rairdon, Hecht, Bell, Chamblis, Bedrossian.

Interclass Touch Football

Juniors	18	Seniors	6
Sophomores	24	Rhinies	12
Juniors	36	Sophomores	6
	Won	Lost	
Juniors	2	0	
Sophomores	1	1	
Rhinies	0	1	
Seniors	0	1	

Members of the Winning Team: Hibbard, Weyerbacher, Watson, Finger, McNeill, Kent, Hecht, Simmons, Solis-Cohen.

Intramural Basketball

NOTE.—During the second quarter each team played each of the other teams once. Merion dropped out at the end of this quarter. During the third quarter each team played six games. The Shaughnessy play-off system was used at the end of the season; the results of the play-off are given below the final standings.

Final Standings

Team	Won	Lost	Per.
Day Students	12	2	.857
North	11	3	.786
Grads	10	4	.715
Old Lloyd	8	6	.571
South	7	7	.500
Center	5	9	.357
New	4	10	.286
Merion	3	5	...
Founders	0	14	.000

Play-offs

Best two out of three games.

First *vs.* Fourth; Second *vs.* Third. The winner of these to play for the championship.

Day won two straight from Old.

Grads won two straight from North.

Grads defeated Day in three games.

Grad Students' Team: Diamond, Crosby, Bricker, Hawley, Charles, Kron, Liljenstein, Buyers.

Day Students' Team: Ziegler, Williams, Strohl, McLellan, Turner, Warren, Allen.

Intramural Volleyball*Final Standings—Upper Class League*

Name	W.	T.	L.	Per.
Ramblers	13	1	0	1.000
Tigers	12	1	1	.923
Rovers	9	0	5	.643
Merion All-Stars	6	0	8	.429
Bear Katz	6	0	8	.429
Lions	5	0	9	.357
Giants	3	0	11	.214
Wonders	1	0	13	.071

Ramblers: Ashbrook (c), Inglis, Davis, Long, Scheffer, Evans, R. Branson.

Final Standings—Freshman League

Pole Katz	7	0	1	.875
Cards	5	0	3	.625
Pirates	2	0	6	.250
Cookies	2	0	6	.250

This league operated only during the third quarter.

Intramural Wrestling

Weight	Champion	Dorm
128	Solis-Cohen	North
136	Herman	South
145	Winder	Center
155	Dye	Merion
165	Szerlip	Old Lloyd
175	Arnold	South
Unlimited	Janney	North

Dorm Rankings (scored on a basis of 5-3-1)

	Points
North	16
Old	12
South	10
Merion	8
Center	6
Founders	3

Results of Intramural Softball League

	W.	L.	Pct.
North-Merion	7	3	.700
Center Barclay	6	4	.600
Lloyd (new and old)	5	5	.500
South-Founders	2	8	.200

Players on Winning Team

Miller	Boysen
Burford	Brown
Longley	Kirkpatrick
Wise	Olson
Worrall	McGann
Aldridge	

The seniors defeated the faculty in a close seven inning game, 16 to 15.



Intramural Committee

DINGHY RACING

Commodore—KENNETH WRIGHT

Ex-Commodore—EDWARD KOHN

Although handicapped by lack of boats, Haverford participated in regattas at three different colleges this year—M. I. T., Princeton and the Naval Academy.

In the fall a team of four sailed for the Boston Challenge Cup on the Charles River Basin. However, they failed to qualify.

Skippers—Kohn, Somers

Crew—Taft, Buttrick

Last fall Haverford raced against Princeton, Lafayette, Lehigh, Ursinus and Rutgers at Princeton. Princeton won.

Skippers—Newell, Vincent (Ewing)

Crew—Ewing (Vincent), Vogt

This past spring difficulties in transportation made the trip to M. I. T. impossible. But a team of eight did race against the Naval Academy. Keel knockabouts were used and the Navy won easily.

Skippers—Wright, A. Evans, Willis, Kohn (Baum)

Crew—Somers, Boyer, Newell, Baum (Kohn)



